


Appendix A

Defamatory Statements on Social Media

Date	Author	Statement	Link
11/2/2021	Adrian Heilbut	The \$SAVA clowns can't say they weren't warned.	https://twitter.com/Adrian_H/status/1455626163087454213
11/2/2021	Adrian Heilbut	I wonder what is going to be showing up on http://cassavafraud.com tomorrow morning? \$SAVA	https://twitter.com/Adrian_H/status/1455611528418365443
11/2/2021	Adrian Heilbut	You can also learn more about \$SAVA tomorrow morning at http://simuflimflam.com	https://twitter.com/Adrian_H/status/1455622390982090759
11/2/2021	Adrian Heilbut	21 CFR 312 makes some excellent bedtime reading. \$SAVA http://cassavafraud.com http://Simuflimflam.com 9am Wednesday.	https://twitter.com/Adrian_H/status/1455741047238234113
11/2/2021	Adrian Heilbut	Not as crazy as photoshopping all of your studies for 20 years.. and putting a molecule into humans based on nonsense. \$SAVA	https://twitter.com/Adrian_H/status/1455654387691540486
11/2/2021	Enea Milioris	 @Adrian_H I wonder what is going to be showing up on http://cassavafraud.com tomorrow morning? \$SAVA	https://twitter.com/DRnotaDR/status/1455611733284777988
11/2/2021	Enea Milioris	We did... and it was pretty WOW as promised! http://cassavafraud.com http://simuflimflam.com 9am Wed	https://twitter.com/DRnotaDR/status/1455776169039736836

Date	Author	Statement	Link
		Remi says it best: “You can actually connect all the dots, and reach some sort of Aha! moment, to say.. WOW!” \$SAVA http://cassavafraud.com http://simuflimflam.com 9am Wednesday ¹	
11/2/2021	Jesse Brodtkin	Wait, I’m confused, so there is no \$sava deal? But some rando on Reddit said the drug works and Pfizer wants to put into phase 7 right away. 🤔🤔🤔. Jk no one with an ounce of scientific sense would touch this turd 🤔	https://twitter.com/jesse_brodtkin/status/1455726370441551876
11/3/2021	Adrian Heilbut	Cassava Sciences is a shambolic scientific charade. We have assessed virtually every aspect of Cassava’s programs, & reveal a pattern of deliberate, coordinated misconduct. Our letter to FDA & slides: http://cassavafraud.com \$SAVA	https://twitter.com/Adrian_H/status/1455882376081547268
11/3/2021	Adrian Heilbut	The scientific and clinical research problems at \$SAVA have not been fully appreciated by those who have been convinced that the clinical claims made by the company are meaningful. ²	https://twitter.com/Adrian_H/status/1455882376081547268
11/3/2021	Adrian Heilbut	No, the short thesis is that nearly everything Cassava has ever done is largely faked http://Cassavafraud.com	https://twitter.com/Adrian_H/status/1455963967688429568
11/3/2021	Adrian Heilbut	It’s all completely insane and completely made up. Wait until you see Wang’s paper where he claims to find that transcranial magnetic stimulation modulates TrkB signaling in lymphocytes..	https://twitter.com/Adrian_H/status/1456084194405277703
11/3/2021	Adrian Heilbut	Here's a little tip for biotech frauds trying to obscure information about what proteins you actually measure to make your wacky, miraculously accurate Alzheimer's diagnostic more inscrutable: the	https://twitter.com/Adrian_H/status/1456096491248963588

¹ Video of Zoom call embedded in tweet.

² This tweet includes over thirty reply tweets from Adrian to himself with screenshots of slides from the presentation described therein.

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		labels are still there in the PDF even if you make the text white. \$SAVA	
11/3/2021	Enea Milioris	Hey \$SAVA you no longer need to hire x-ray operators who fake PhDs!! There's any army queuing up	https://twitter.com/DRnotaDR/status/1455948114578350083
11/3/2021	Enea Milioris	Probably more than Seeking Alpha annual rev [responding to Tweet asking "Question is how much \$\$\$ the \$Sava touts are being paid directly/indirectly from \$SAVA"]	https://twitter.com/DRnotaDR/status/1455967237077147653
11/3/2021	Enea Milioris	\$SAVA AD-science bonzo scientist and his "expert" team of 30 PhDs never heard of University College London	https://twitter.com/DRnotaDR/status/14560460110345707551
11/3/2021	Jesse Brodkin	It's a lot of fraud to cover 😊	https://twitter.com/jesse_brodkin/status/1455884297861275653
11/3/2021	Jesse Brodkin	We show that they lie many times. If you still believe they only don't lie about some things, that seems a precarious thesis for owning 🙋	https://twitter.com/jesse_brodkin/status/1455961978527223811
11/3/2021	Jesse Brodkin	Every week or so I remind you guys that Remi is a liar. This one was just about the "Big non-dilutive deal for \$sava in weeks, not months" that was 3 months ago	https://twitter.com/jesse_brodkin/status/1456003127279292419
11/3/2021	Jesse Brodkin	we are trying to save the world and there is lots of new \$sava fraud in the letter we sent to the FDA. you can read it here: http://cassavafraud.com	https://twitter.com/jesse_brodkin/status/1456005241908965379
11/3/2021	Jesse Brodkin	send in ADscience while you do your thing. We need some opposition, it's no fun just yelling \$sava is a fraud without any pushback 😞 (not that there is any real argument at this point 🙄)	https://twitter.com/jesse_brodkin/status/1456010324772069381

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11/3/2021	Jesse Brodtkin	which? Why are we trying to stop them? Because they are taking advantage of desperate people to perpetrate a scam and depriving them of the opportunity to participate in something that might help. And taking lots of innocent naïve rubes' money along the way. That's why, \$sava f	https://twitter.com/jesse_brodtkin/status/1456015331839909896
11/3/2021	Jesse Brodtkin	Everyone in the biotech industry knows \$sava is a scam, we are just the only ones who put the effort into putting it on paper. This stock is chat room dupes and dumb money generalist funds.	https://twitter.com/jesse_brodtkin/status/1456076765307277314
11/4/2021	Adrian Heilbut	If you put a doctored / made up western blot into an NIH grant application, could that cause any issues with @HHS_ORI or lead to a False Claims case? \$SAVA	https://twitter.com/Adrian_H/status/1456121036802494468
11/4/2021	Adrian Heilbut	SavaDX is worthless. We already knew that, but this confirms it. Also, how was \$SAVA ever planning to commercialize a regulated diagnostic assay when they have no IP?	https://twitter.com/Adrian_H/status/1456245676082405377
11/4/2021	Adrian Heilbut	\$SAVA has DOZENS of papers with well documented evidence of manipulation on PubPeer. https://pubpeer.com/search?q=Hoau-Yan+Wang	https://twitter.com/Adrian_H/status/1456254824232615936
11/4/2021	Adrian Heilbut	It is all complete, made-up garbage. If it were not, \$SAVA would be earnestly and openly defending everything in a transparent scientific way.. everything about how they operate is about contriving the appearance of desirable results.	https://twitter.com/Adrian_H/status/1456275948693770240
11/4/2021	Adrian Heilbut	Cassava Sciences has two products in development: Simufilam, & SavaDx, a proprietary diagnostic for Alzheimer's.	https://twitter.com/Adrian_H/status/1456243203552784385

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		<p>According to \$SAVA 10K, SavaDx is NOT protected by patents, so actual molecules measured by SavaDx have been a key, closely guarded trade secret.</p> <p>Until today.. 🧪³</p> <p>...</p> <p>This is all some THERANOS-level smoke and mirrors. \$SAVA claim a miraculously accurate diagnostic test for Alzheimer's, but there is nothing proprietary about it, and they have no IP.. not to mention that it makes ZERO biological sense.</p> <p>http://Cassavafraud.com</p>	
11/4/2021	Adrian Heilbut	J Neurosci made the wrong call. Those bands in question are copy-pasted, and that paper is a smorgasbord of Wang's fantastic claims.	https://twitter.com/Adrian_H/status/1456405835245101057
11/4/2021	Enea Milioris	Good to know that some \$SAVA trolls have made it as far as highschool and can chip in on our http://cassavafraud.com report	https://twitter.com/DRnotaDR/status/1456150639176830976
11/4/2021	Enea Milioris	Well well well... \$SAVA miracle 98% accuracy diagnostic for AD is just fluff?!?! shocked i tell ya	https://twitter.com/DRnotaDR/status/1456251010180075520
11/4/2021	Jesse Brodtkin	I will NEVER cover \$sava . Simufilam is a frauud!	https://twitter.com/jesse_brodtkin/status/1456272096053526550
11/4/2021	Jesse Brodtkin	Every time we dig we find fraud... bet you will too \$sava	https://twitter.com/jesse_brodtkin/status/1456246540373270530

³ In this tweet thread, Adrian claims to have gained access to Cassava's science through a FOIA request, and then proceeds to claim it is all "smoke and mirrors."

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11/4/2021	Jesse Brodtkin	I will NEVER cover \$sava . Simufilam is a frauuud!	https://twitter.com/jesse_brodtkin/status/1456272096053526550
11/4/2021	Jesse Brodtkin	No lies. I'll never stop. \$sava is a bunch of comen. Read http://cassavafraud.com you will see. JN Didn't validate p2...you didn't read the article it was 2012...way way way before p2 😞	https://twitter.com/jesse_brodtkin/status/1456401197087211523
11/4/2021	QCM	Of course \$PFE would be thrilled of partnering again with \$SAVA after the “spectacular” success of their former partnership with Remoxy and on a drug tainted with multiple allegations of fraudulent research like Simufilam	https://twitter.com/QCMFunds/status/1456220796700004356
11/4/2021	QCM	The situation was NOT rectified as there was no close out letter from the FDA. Those letters ARE rare (roughly 1% of inspections results in one warning). Evidence that IMIC is incompetent in running trials and you have yourself why SAVA chose them	https://twitter.com/QCMFunds/status/1456224650107756548
11/4/2021	QCM	There is a preponderance of evidence and opinion from world's leading experts. If you wanna ignore that feel free to do so. You'll wake up one day and face the bitter reality.	https://twitter.com/QCMFunds/status/1456232756032282625
11/4/2021	QCM	That the SAVA study was bad doesn't mean that all the studies IMIC does are bad. But given what we shared about that clinic you must be either in bad faith or you haven't read the report	https://twitter.com/QCMFunds/status/1456241263708094471
11/4/2021	QCM	We have read with interest \$SAVA's latest press release. Clearly there is a conflict between the citizen's petition (which we found credible) and what the journal declared today. We caution that nothing in that release invalidates our own, well referenced, findings	https://twitter.com/QCMFunds/status/1456280342176825348

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11/5/2021	Adrian Heilbut	The lies from \$SAVA never end	https://twitter.com/Adrian_H/status/1456776594366869508
11/5/2021	Jesse Brodtkin	\$sava's SavaDX is not only silly useless nonsense, but is now worth \$0. Fun read from 🤖 Adrian	https://twitter.com/jesse_brodtkin/status/1456570615482175488
11/5/2021	Jesse Brodtkin	So JN asked the suspect if he stole the money and the suspect opened his wallet (12 years later) and said; nope nothing to see here. Well played Journal of Neuroscience 😬 \$sava	https://twitter.com/jesse_brodtkin/status/1456748032154800128
11/5/2021	QCM	*** We are about to release a fresh analysis by Dr. John Carlisle on the \$SAVA Simufilam trials. He is considered a premiere authority on detecting falsification of clinical papers through statistical analysis *** @AlderLaneeggs @Adrian_H	https://twitter.com/QCMFunds/status/1456622779789365256
11/5/2021	QCM	https://dropbox.com/s/cc60dmd4blzyd6j/John%20Carlisle%20Analysis.pdf?dl=0... Link to Dr. John Carlisle analysis on Cassava's Simufilam 's trials. Multiple instances of FALSE DATA have been detected. Further investigation warranted and important.	https://twitter.com/QCMFunds/status/1456623385237143566
11/6/2021	Adrian Heilbut	Did you get Wang to do that nice photoshop work?	https://twitter.com/Adrian_H/status/1457173531037507585
11/6/2021	Adrian Heilbut	If anybody looks at all the Wang papers all together, it is just too much. Not everyone is willing or interested in saying it on twitter, but I am sure that there is a large, silent majority of neuroscientists who are disgusted. They can't let this go. They also need to conduct a proper investigation because NIH ORI is already involved and this is a risk to funding at an institutional level.	https://twitter.com/Adrian_H/status/1457126180444901382

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11/6/2021	Jesse Brodkin	Either \$sava has been lying to us for months about having the blots or they submitted faked evidence to the Journal of Neuroscience. Pick one.	https://twitter.com/jesse_brodkin/status/1456934307558301697
11/6/2021	Jesse Brodkin	I think it's a scam. No money will be saved by anyone.	https://twitter.com/jesse_brodkin/status/1457105522340122638
11/6/2021	QCM	This looks damning to us	https://twitter.com/QCMFunds/status/1456945541804404741
11/7/2021	Enea Milioris	Suspect I suspect..	https://twitter.com/DRnotaDR/status/1457274472214540288
11/7/2021	Jesse Brodkin	We show they fabricated data, therefore their claims of safety based on data are suspect.	https://twitter.com/jesse_brodkin/status/1457295244605673473
11/7/2021	Jesse Brodkin	\$sava magic eraser, first unveiled after AAIC poster, makes a reappearance and poof - fraud disappears -like it never even happened- 🧙	https://twitter.com/jesse_brodkin/status/1457313206351826945
11/7/2021	Jesse Brodkin	Disagree on industry but ok, some are unwilling to publicly call fraud. At the very least we now all now agree that \$sava submitted figures that were wrong in their foundational paper (and poster). And not just an “oopsie” copy-paste slip up:	https://twitter.com/jesse_brodkin/status/1457321854272671750
11/7/2021	Jesse Brodkin	Never \$sava is a total fraud. \$2 in 3 years max guaranteed.	https://twitter.com/jesse_brodkin/status/1457490360402391044
11/7/2021	Jesse Brodkin	Says Remi the liar, let's see what J N says.	https://twitter.com/jesse_brodkin/status/1457490667949760520

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11/7/2021	Adrian Heilbut	<p>I don't know, nor am I accusing any individual of anything, other than Wang making up almost all of his data. Beyond that it is very hard to know who knew what when, and folly to speculate about it in public.</p> <p>Dr. Wang has been making everything up for 21 years. Everything. None of it is real. A lot of people drank the Kool-Aid. Some may be so committed now they can't even recognize that it isn't real. Dr. Wang may not even know it isn't real. But it isn't real.</p>	https://twitter.com/Adrian_H/status/1457535523124305923
11/7/2021	Adrian Heilbut	<p>People who haven't gone over Wang's entire oeuvre don't yet realize that his entire career has been "fraudulent manipulation." This one is going to be too big to ignore, à la Anversa, Potti, Potts-Kant, Hwang, or Summerlin.</p>	https://twitter.com/Adrian_H/status/1457473113042657281
11/7/2021	Adrian Heilbut	<p>I wonder how Wang keeps all these bands organized on the shared folder at CUNY so that it's easy to mix-and-match when Lindsay calls and asks to Photoshop another paper.</p> <p>https://pubpeer.com/publications/CD34FCE900CAA9CC35B5E4190DCBE5 \$SAVA</p>	https://twitter.com/Adrian_H/status/1457570031450181632
11/8/2021	Adrian Heilbut	<p>you forgot that Dr. Hoau-Yan "Photoshop" Wang was also @CunyMedicine Faculty of the Year @CUNYNeuro @CUNYResearch @HHS_ORI #ScienceIntegrity #SfN21 #SfN2021 #CTAD21 \$SAVA⁴</p> <p>https://ccny.cuny.edu/csom/faculty-year-award-hoau-yan-wang</p> <p>https://pubpeer.com/search?q=Hoau-Yan+Wang</p>	https://twitter.com/Adrian_H/status/1458288281666433024





⁴ This tweet shows a photo of Dr. Wang alongside a photo of convicted fraudster Elizabeth Holmes and an image allegedly showing issues with Dr. Wang's research.

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11/8/2021	Jesse Brodtkin	very well, from now on I shall call it a scientific fraud, that I think I have proven. All good now.	https://twitter.com/jesse_brodtkin/status/1457794815932788737
11/8/2021	Jesse Brodtkin	Slide 20 is the re-do. Do you mean a different slide? just in case; what's fishy here is an external lab that provides these services as it's business found nothing then sava scientist found miracle. Pretty close to the definition of 😬	https://twitter.com/jesse_brodtkin/status/1457859974093320195
11/8/2021	Jesse Brodtkin	His motive is no more or less an impediment to his credibility as Wang's or any other person who has a financial stake in the company. I think we can agree at least that incentives work both ways.	https://twitter.com/jesse_brodtkin/status/1457901170660417536
11/8/2021	Jesse Brodtkin	The dose is way way way to high for the supposed mechanism, yes. The safety point is basically they misrepresent lots of data (2 admitted to so far and many awaiting), so why not safety too? It's a credibility argument.	https://twitter.com/jesse_brodtkin/status/1457904552427114497
11/8/2021	Jesse Brodtkin	Both are true, it's total baloney and it's of zero value.	https://twitter.com/jesse_brodtkin/status/1457917722654818308
11/9/2021	Jesse Brodtkin	Your morning \$sava Wang fraud report: looks like Wang accidentally "discovered" an antibody to nicotinic A7-R which the world was previously unaware existed 😬 This guy cured AD, identifies AD with 95% accuracy from blood and now this cc @MarinaP63 https://pubpeer.com/publications/F91E0D22B887598445BB1F908393EE#	https://twitter.com/jesse_brodtkin/status/1458057189504004106

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11/9/2021	QCM	Marc thank you for your invaluable support. Beyond all the nonsense, we did succeed to shine a spotlight and to explain, to whoever is willing to listen, what's truly going on with this company. The ultimate consequences for \$SAVA are UNAVOIDABLE, though timing is uncertain.	https://twitter.com/QCMFunds/status/1457975468418818048
11/9/2021	QCM	https://investorplace.com/2021/11/sava-stock-is-a-sell-after-accusations-of-data-manipulation/... I enjoyed the intellectual honesty and willingness to change his mind when presented with new facts of @larryramer (a former \$SAVA bull). His piece is a must-read if you are following the \$SAVA affair	https://twitter.com/QCMFunds/status/1458137704135380998
11/9/2021	QCM	Cheer up! This (allegedly) evil entity has some many ways to die: ANY journal retraction, FDA, SEC, NIH, defections, and others	https://twitter.com/QCMFunds/status/1458140839599763459
11/10/2021	Adrian Heilbut	therein lies Remi's strategic genius in concocting his own secret, fake new biomarker with which to bootstrap Simuflimflam	https://twitter.com/Adrian_H/status/1458353805045735424
11/10/2021	Adrian Heilbut	Did anyone at \$SAVA or J Neuroscience actually think that they were going to get away with this? ⁵ and does anyone believe that all of those still-identical bands are remotely real?	https://twitter.com/Adrian_H/status/1458542228326993925
11/10/2021	Jesse Brodtkin	\$sava Wang is not taking a break from his fraud-spree for CTAD. He's hard at work getting off-the-shelf antibodies to change their binding properties, but it only works in HIS hands (ya know like the P2 re-do 😊). (that's in your J Neurosci @MarinaP63 @SfNJournals 🙌)	https://twitter.com/jesse_brodtkin/status/1458423337621893132

⁵ This is in conjunction with a quote tweet from @MicrobiomDigest regarding Western blot images in the *Journal of Neuroscience*.

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11/10/2021	Jesse Brodtkin	Can't decide if the model is fraud or pump and bonus... I don't want to be nailed down to one	https://twitter.com/jesse_brodtkin/status/1458431453159727106
11/10/2021	Jesse Brodtkin	Now why would \$sava have increased legal costs? 🙄 (I'll help: FDA, SEC and CUNY are currently investigating)	https://twitter.com/jesse_brodtkin/status/1458455663542165511
11/10/2021	Patrick Markey	No, absolutely not. You rerun an experiment if you think its results are due to chance, some confounding variables or a mistake. If you spot fraud, you point that out and try to stop it, for the sake of the greater good.	https://twitter.com/PatricioMarceso/status/1458543888747073536
11/10/2021	QCM	The bull is still puffing and charging for a while after the matador has thrust his deadly sword: it matters not, as soon its lifeless body will be hitting the floor with a loud thud, nonetheless \$sava	https://twitter.com/QCMFunds/status/1458439680584679428
11/11/2021	Adrian Heilbut	<p>One can quantify in the original image w/ ImageJ. Here's a quick "plot profile" showing mean intensity of each vertical line in the selected region in background, scanning from left to right. Distribution shifts in the extra piece they added.</p> <p>It's 100% faked. \$SAVA @MarinaP63</p> <p>Similar sharp difference in the mean background level with a "vertical profile" going from top down into the "original" image. 100% faked.</p> <p>Not cool, \$SAVA. @MarinaP63 #SfN2021 #CTAD2021</p> <p>The lawsuits and criminal cases based on this \$1.5B stunt are going to be 🔥 \$SAVA</p> <p>and as others have pointed out, it is obvious that none of these are images of real, complete western blots in any case, because there is</p>	https://twitter.com/Adrian_H/status/1458681850843574273

Date	Author	Statement	Link
		no lane with molecular weight markers (or empty lane where they would be if they aren't labeled for imaging) IT IS ALL MADE UP	
11/11/2021	Adrian Heilbut	Just to be clear: \$SAVA faked additional "raw" data last week, sent it to @MarinaP63 at J Neurosci to receive their "blessing", halted the stock, then sent a press release relating this false, engineered news, causing the share price to double. Is there a legal term for that?	https://twitter.com/Adrian_H/status/1458780796005892097
11/11/2021	Jesse Brodtkin	 Get your daily \$SAVA fraud here  It appears that in an effort to clear themselves of manipulated image accusations Cassava submitted some (long pause) MANIPULATED IMAGES.. I know right  , imagine the cajones and contempt that takes 	https://twitter.com/jesse_brodtkin/status/1458771009813815300
11/11/2021	Jesse Brodtkin	thanks for your concern, but no. I don't want to help perpetuate the \$sava scam of investors and families with AD	https://twitter.com/jesse_brodtkin/status/1458899214101057538
11/11/2021	Jesse Brodtkin	yes, what Remi is doing to desperate families like yours by taking advantage and providing false hope is disgusting.	https://twitter.com/jesse_brodtkin/status/1458907384068378628
11/11/2021	QCM	Yes you are right. We got the same result. It appears the last two images on the right have been added. The background is visibly different	https://twitter.com/QCMFunds/status/1458822204297297924
11/11/2021	QCM	Can anybody spot a problem with the (enhanced) picture on the right? If I understand correctly, this is the "original" image that was sent by Cassava to the journal who then proceeded to approve and caused a 50% rally. Unreal!	https://twitter.com/QCMFunds/status/1458838716198359050

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11/12/2021	Adrian Heilbut	What is disturbing is that there is no legitimate argument that can be made for the “raw” (fabricated) images of original blots offered up that justifies the language or timing of the “exoneration” statement JN made. So “process” at JN was either not followed or is deficient. Most non-biologists do not yet appreciate how completely insane and fraudulent the entire body of Wang’s work has been. The EiC of JN certainly is capable of appreciating it, especially given her nAChR expertise.	https://twitter.com/Adrian_H/status/1459247416046202886
11/12/2021	Enea Milioris	\$SAVA disconnected phones so that FDA could not get in touch about CP ...smart	https://twitter.com/DRnotaDR/status/1459069965986938900
11/12/2021	Enea Milioris	\$SAVA is like those fake sign language interpreters.. seems legit for a moment.. unless you know sign language	https://twitter.com/DRnotaDR/status/1459240553187627012
11/12/2021	Jesse Brodtkin	that would be the behavior of a science-based company. \$sava will only be mildly (and misleadingly in the recent example) responsive when their stock price drops. That’s because sava is a stock price scam and not a drug company (you can see it right in their compensation scheme)	https://twitter.com/jesse_brodtkin/status/1459157554412544005
11/12/2021	QCM	What they are doing is astounding and, frankly, desperate. They are making a joke of market abuse rules and of the clinical research process. They must not be allowed to get away with this.	https://twitter.com/QCMFunds/status/1459063388089339907
11/13/2021	Enea Milioris	\$SAVA mental gymnastics	https://twitter.com/DRnotaDR/status/1459550878390759425
11/13/2021	Jesse Brodtkin	I am short \$sava, the company is a scam. Go to http://cassavafraud.com educate yourself. I am also a scientist, it’s	https://twitter.com/jesse_brodtkin/status/1459657816176791556

Date	Author	Statement	Link
		allowed by the grand wizard of science. Happy? (I've disclosed this from day 1) 🤔	
11/14/2021	Jesse Brodtkin	I'm expecting: Cassava has been served with subpoenas for information related criminal fraud by the SEC and that Remi has retained legal representation and has temporarily been placed on leave 😊	https://twitter.com/jesse_brodtkin/status/1459943407892193288
11/14/2021	Adrian Heilbut	The privilege to conduct trials under an IND is based on a balance of safety and potential for efficacy. If \$SAVA pre-clinical and clinical data are fabricated or manipulated, or trials not properly run, there is no ethical or regulatory justification for further clinical trials. We know IT WILL fail because we see and understand that the biology was MADE UP. It is not a matter of hope, or optimism, or liking what one sees — it is all fabricated nonsense. If you cannot understand or admit this to yourself by now, you are going to be Remi's bagholder.	https://twitter.com/Adrian_H/status/1460054040545566727
11/14/2021	Adrian Heilbut	And I know Wang fabricated western blots in nearly every piece of work he has done, which means it is all total bullshit.	https://twitter.com/Adrian_H/status/1460099110590197761
11/15/2021	Adrian Heilbut	because there is a lot of money to be made on charades and pump-and-dumps, and in trading sardines. Those who "trusted" Remi early on made money and got a lot of positive feedback. But there are no serious biotech investors involved.	https://twitter.com/Adrian_H/status/1460283611303886862
11/15/2021	Enea Milioris	Dear \$SAVA @CassavaSciences I can predict for you the outcome of those investigations inc enforcement actions. Please reach out, my fees are reasonable.	https://twitter.com/DRnotaDR/status/1460272328730943493

Date	Author	Statement	Link
11/15/2021	Enea Milioris	It's INCONCEIVABLE that \$SAVA @CassavaSciences would terminate development of the only diagnostic that predicts Alz before symptom onset with nearly 100% accuracy. Terrible news for patients and the world. WHY?? @alzassociation @alzforum	https://twitter.com/DRnotaDR/status/1460292165880492042
11/15/2021	Jesse Brodtkin	\$sava also dropping SavaDx development for now, which makes sense because not only is it BS, but this trade secret isn't a secret anymore 😊 (h/t @Adrian_H) p.s. publishing p2 data looking pretty iffy as well.	https://twitter.com/jesse_brodtkin/status/1460263582151630848
11/15/2021	Jesse Brodtkin	Agree on that speculation. That would fertile ground and probably the most appropriate venue in which to begin the investigation into \$sava 😊 (honestly there are several oversight offices that could have fruitful and concurrent investigations)	https://twitter.com/jesse_brodtkin/status/1460272152473747466
11/15/2021	QCM	We applaud the federal government's decision to investigate wrongdoing at \$SAVA. Once again, skeptics and short-sellers have proven a force for good in the market, exposing misconduct and warning shareholders of impending danger @AlderLaneeggs @muddywatersre @HindenburgRes	https://twitter.com/QCMFunds/status/1460254612498391041
11/15/2021	QCM	Read our report (pinned on this account). Management's bonuses are tied to short-term market cap goals, not drug approval milestones. They make money even if phase 3 fails, as long as market cap remains high and there is liquidity to pay themselves	https://twitter.com/QCMFunds/status/1460267706331152384
11/16/2021	Adrian Heilbut	This little note marks the beginning of the end for \$SAVA Institutions (even @SfNJournals) will all eventually stand up for #ScienceIntegrity and Remi cannot gaslight the entire scientific community or change reality. There is no longer any ambiguity or doubt about what went on with Dr. Wang and his "discoveries" for	https://twitter.com/Adrian_H/status/1460687375441530881

Date	Author	Statement	Link
		\$SAVA, and every scientist and every journal editor can see it. https://pubpeer.com/search?q=hoau-yan+wang	
11/16/2021	Adrian Heilbut	2005 was the foundation for 2008, 2012, 2017, and the \$SAVA Simufilam IND, the Phase 2 trials, and SavaDX. It is all fabricated nonsense, built upon other fabricated nonsense, and it is all going to come crashing down. \$SAVA is perfectly happy to light NIH and investor money on fire so long as they manage to siphon off a large chunk of it for themselves	https://twitter.com/Adrian_H/status/1460700822279532546
11/16/2021	Adrian Heilbut	Everything comes back to the absurd (and falsifiable) \$SAVA claim of Naloxone binding to Filamin-A and that pentapeptide with sub-nanomolar affinity. So those early papers are intensely relevant.	https://twitter.com/Adrian_H/status/1460707518175399940
11/16/2021	Adrian Heilbut	Yes, based on what's plain to see over 25+ papers, Dr. Wang's entire career and all his key findings are based on scientific fraud & fabrication. Whether Dr. Burns & \$SAVA were complicit at the time or just fooled, I don't know. They are complicit in covering up the truth now.	https://twitter.com/Adrian_H/status/1460712095062925314
11/16/2021	Enea Milioris	Any lawyer can comment on the language of the partially highlighted paragraph from \$SAVA 10k? Specifically "arrangements to settle such matters and resolve.." to avoid litigation. Which agencies likely enforcement actions does this allude to?	https://twitter.com/DRnotaDR/status/1460530169169559556
11/16/2021	Jesse Brodtkin	Ha, you give me too much credit. There was never a deal. There isn't even a company, you have the femtomolar lie generated by Wang inside the \$sava patent. You are never getting away from	https://twitter.com/jesse_brodtkin/status/1460677333921185801

Date	Author	Statement	Link
		that, even if Remi the fraudster happened to stumble on the cure (he didn't).	
11/16/2021	Jesse Brodtkin	Let me ease your mind. My strategy from the beginning is to call the police and give a description of the perp (the letter) and while the crime is going on to yell out my window and point to the crime in progress (twitter, pubpeer) as any good citizen would do. \$sava	https://twitter.com/jesse_brodtkin/status/1460677841805316102
11/16/2021	QCM	The egregious nature of this scheme is clear for all to see	https://twitter.com/QCMFunds/status/1460602520796119043
11/16/2021	QCM	This is damning (yet again). Though only those that pay attention will notice it.	https://twitter.com/QCMFunds/status/1460709737750843397
11/17/2021	Adrian Heilbut	this is just the start.. the whole \$SAVA charade is going to unravel now cc: @MarinaP63 and I have no doubt that the SEC is going to investigate the stunt \$SAVA pulled two weeks submitting additional fabricated data in a fake "Erratum" to fool the Journal of Neuroscience into issuing a statement of "exoneration" the Ph2 clinical data is very much in doubt here too. I agree that this is a rare or unprecedented situation.. typically when something like this happens, the sponsor admits it and stops the trial themselves.	https://twitter.com/Adrian_H/status/1460978798439157765
11/17/2021	Adrian Heilbut	I hear that \$SAVA plans to cure Parkinson's Disease with Simuflimflam next y'all think I'm kidding but I'm not we've got the receipts \$SAVA	https://twitter.com/Adrian_H/status/1460847699767480323
11/17/2021	Adrian Heilbut	Ain't no time to wait around for that while Remi figures out a new scam	https://twitter.com/Adrian_H/status/1461027076971057154

Date	Author	Statement	Link
11/17/2021	Enea Milioris	Nice but TLDR Get your “biotech fraud 101” at http://cassavafraud.com	https://twitter.com/DRnotaDR/status/1461048890577276930
11/17/2021	Jesse Brodtkin	\$sava this is just the beginning, CUNY will find Wang has been crooked for a long time, Remi has prob been cherry-picking clinical data, the patent is totally invalid and based on Wang, Remi likely been insider trading via social media, 8-k and 10-q are full of misinformation etc	https://twitter.com/jesse_brodtkin/status/1460977313877798913
11/17/2021	Jesse Brodtkin	So will CUNY circle the wagons around \$sava fraud Wang with the SEC looking over their shoulder? (I’m guessing they won’t 🤔) No Wang=No Patent=No Company=\$0/share	https://twitter.com/jesse_brodtkin/status/1461003095282966532
11/17/2021	Jesse Brodtkin	Is \$sava behavior consistent with knowingly falsifying data? 🧐	https://twitter.com/jesse_brodtkin/status/1461122801352515587
11/17/2021	Jesse Brodtkin	This would be a good path forward for \$sava the problem is without Remi’s conning skills there is no value to the company and the board knows it.	https://twitter.com/jesse_brodtkin/status/1461130312730255361
11/17/2021	Jesse Brodtkin	Next Press Release from \$sava will be issued by Remi driving a Ford Bronco	https://twitter.com/jesse_brodtkin/status/1461141357171458051
11/17/2021	QCM	We applaud the WSJ scrutiny on the situation at \$SAVA. We are of the opinion that scrutiny is bound to confirm the skeptics’ allegations and eventually bring about the demise of this alleged scheme	https://twitter.com/QCMFunds/status/1460980839458783236
11/17/2021	QCM	The bull is still puffing and charging, but it’s wound is deadly and it’s demise is now near. \$sava	https://twitter.com/QCMFunds/status/1460999094198050822

Date	Author	Statement	Link
11/17/2021	QCM	Don't forget a reserve for fines and litigation. There may be hundreds of patients who are sick with Alzheimer disease which could've been treated with something more effective. Some of them, or their families, are going to want blood	https://twitter.com/QCMFunds/status/1461026489042972675
11/17/2021	QCM	Though in all fairness, they didn't dare putting their faces on it until now. I think other skeptics have been braver, if perhaps less immediately effective	https://twitter.com/QCMFunds/status/1461033079305351173
11/17/2021	QCM	SSAVA couldn't have put together this circus without assistance from multiple people and entities. You are either with us or with Cassava. If you have been unknowingly part of this deception, I suggest you resign immediately before we start calling you out individually.	https://twitter.com/QCMFunds/status/1461039592325492740
11/17/2021	QCM	Some people would better resign if they have an ounce of intelligence left in them	https://twitter.com/QCMFunds/status/1461092502543519751
11/17/2021	QCM	It's really not that difficult to settle. I could tell that the "original" submitted to that journal was a fake just by increasing the contrast on my iPhone (see photo above). Anyone can do that. But no amount of evidence can convince someone who refuses to listen	https://twitter.com/QCMFunds/status/1461103004883603461
11/18/2021	Adrian Heilbut	I mean, it would really be a pain in the ass for @MGHNeurology @MGHNeuroSci if it turned out they were directly receiving NIH money to help run a fraudulent study with SAVA on Alzheimer's biomarkers. They'd probably want to try to stay ahead of possible scandals like that.	https://twitter.com/Adrian_H/status/1461388129747849224

Date	Author	Statement	Link
		Just my usual \$SAVA speculation, of course, it's not as if we already have all the receipts ⁶	
11/18/2021	Adrian Heilbut	It's just amusing to draw the curtain and see a bunch of cosplaying patsies being used by Remi and Lindsay to astroturf for their pump-and-dump games.	https://twitter.com/Adrian_H/status/1461535838194524162
11/18/2021	Adrian Heilbut	I have no idea, but if someone was looking for people lying to pump in order to sell, the first logical place to check for liars would be \$SAVA management.	https://twitter.com/Adrian_H/status/1461543350587338754
11/18/2021	Jesse Brodtkin	No I just think Remi is a con man based on the available evidence.	https://twitter.com/jesse_brodtkin/status/1461365213723172880
11/18/2021	Jesse Brodtkin	All data that we have been able to examine (which isn't a lot as they are very opaque) has had touches (sometimes more) of data fudging... does not inspire confidence.	https://twitter.com/jesse_brodtkin/status/1461546308611809284
11/18/2021	Jesse Brodtkin	Not at all. Based on a ton of evidence of unscrupulous behavior over decades I don't trust Remi. Your board should replace Remi ASAP, guarantee share price would pop. They won't cause they know Remi 🙄	https://twitter.com/jesse_brodtkin/status/1461553128071966727
11/18/2021	Jesse Brodtkin	Those are only the ones you can think of, Remi is a wizard of manipulation. He has a gift, I'll give him that.	https://twitter.com/jesse_brodtkin/status/1461558810452144129
11/19/2021	Enea Milioris	How is it legal for \$SAVA to spinal tap folks and then just make up their biomarker values?	https://twitter.com/DRnotaDR/status/1461663337066995719

⁶ Attaching screenshot of page from a document related to “Development of PTI-125-DX, a blood-based diagnostic for Alzheimer’s disease.”

Date	Author	Statement	Link
11/19/2021	Jesse Brodtkin	To stop a sociopath from defrauding investors and harming elderly sick people and their families \$sava	https://twitter.com/jesse_brodtkin/status/1461842547349860355
11/19/2021	QCM	For context, a SAVA “Twitter warrior” seems to imply that Lindsay Burns, An executive of Cassava, regularly feeds him non-public information through the chat “Discord”. Lawyers please come forward about the legality of this	https://twitter.com/QCMFunds/status/1461772442658086914
11/19/2021	QCM	Remi, Lindsay...what are you hiding???	https://twitter.com/QCMFunds/status/1461809474805641217
11/19/2021	QCM	As @ClarityToast noted, \$SAVA has quietly removed its Scientific Board webpage...what are Remy and Lindsay afraid of? Let’s teach them a lesson: you cannot delete anything on the web! https://web.archive.org/web/20211103141115/https://www.cassavasciences.com/scientific-advisory-board ... Feel free to send us information if you find anything odd	https://twitter.com/QCMFunds/status/1461813106846359555
11/19/2021	QCM	Here is what \$SAVA’s management seems to be trying to hide from you...	https://twitter.com/QCMFunds/status/1461814029018611717
11/19/2021	QCM	We recognize this might be a technical problem or similar. Though we note that some members of the scientific board have apparently denied their involvement with \$SAVA. So, it might be smart removing that page with the SEC sniffing around...	https://twitter.com/QCMFunds/status/1461814983516430337
11/19/2021	Adrian Heilbut	Between Harvard/MGH, Hopkins, and Yale, the NIH grants flowing to and around this “network”, obvious evidence of scientific misconduct, and clear yet undisclosed conflicts of interest, more people might start paying attention to what has been going on here soon. \$SAVA	https://twitter.com/Adrian_H/status/1461757239719514117

Date	Author	Statement	Link
11/20/2021	Adrian Heilbut	The legal disclaimers are at the start of the deck. That's them covering their ass because they know they are lying. And it's not about protecting the company, it's about protecting Remi and the other officers, who are hunkering down because they know they are deeply screwed.	https://twitter.com/Adrian_H/status/1462228748548325378
11/20/2021	Enea Milioris	Here is a \$SAVA genius incriminating himself on impersonating @MicrobiomDigest https://twitter.com/lawrenceshaw82/status/1462194619467264003	https://twitter.com/DRnotaDR/status/1462196119463731202
11/20/2021	QCM	We are running a full background check on this person: you'd better not have any skeletons Vinay!	https://twitter.com/QCMFunds/status/1462082635904208915
11/20/2021	QCM	All of this is going to the SEC	https://twitter.com/QCMFunds/status/1462190591610167299
11/21/2021	Adrian Heilbut	At which part of this process were \$SAVA management looking at the data post hoc and choosing which different patients to remove from each analysis and different endpoint?	https://twitter.com/Adrian_H/status/1462482259097833475
11/21/2021	Adrian Heilbut	The cognition data were not the basis for considering the Ph2 "successful" and justifying doing a Ph3. Cognition was a purely a marketing stunt to sell the stock. The actual endpoint of the Ph2 were the biomarkers, because \$SAVA knew those could be faked by the great Wang. The whole \$SAVA strategy, which was quite clever, is to keep pushing ahead to the next step using data that can be faked, and then moving the perceived goalpost to something else while trying to let bygones be bygones. It's a house of cards, in the process of collapsing.	https://twitter.com/Adrian_H/status/1462483419124932613

Date	Author	Statement	Link
11/21/2021	Jesse Brodtkin	\$sava also has a completely bogus device: SavaDX. Same ridiculous claims (100% accuracy), same opaque “validation”, same cultish following. Good comparison to Theranos. Protego has nothing to do with filamin or simufilam, but yeah they are both companies in biopharma 🙄	https://twitter.com/jesse_brodtkin/status/1462470738703749125
11/21/2021	Jesse Brodtkin	Allowing an obvious fraud like \$sava to continue to take advantage of patients, investors and families makes a mockery of our regulatory framework and markets. 50:50 Remi ends up behind bars.	https://twitter.com/jesse_brodtkin/status/1462490125494099968
11/21/2021	QCM	Making false statements about a stock, while demonstrably knowing they are wrong and holding that stock, is the very definition of market manipulation	https://twitter.com/QCMFunds/status/1462471727938744324
11/21/2021	QCM	Just as the “independent” lab ended up being Wang’s, it’s legitimate to assume that these two statisticians may not be as independent. Given the precedents, the burden of proof should be in \$SAVA. And the fact that their names haven’t yet been made public stinks to high heaven	https://twitter.com/QCMFunds/status/1462480904010575875
11/21/2021	QCM	Given that they have been caught lying multiple times (e.g. Remoxy approval, independent lab) burden of proof must be on \$SAVA, especially given the absurd changes in baseline highlighted multiple times and detected by Dr. Carlisle (expert in statistical fraud detection)	https://twitter.com/QCMFunds/status/1462487679287889923
11/21/2021	QCM	The odds are zero, given the multiple problems highlighted and the people involved	https://twitter.com/QCMFunds/status/1462493809879756805

Date	Author	Statement	Link
11/21/2021	QCM	These are the highly professional-looking clinical teams testing \$SAVA “game changing” drug Simufilam. This is not a joke... https://fb.watch/9qm47YHXzI/	https://twitter.com/QCMFunds/status/1462504870372597764
11/22/2021	Adrian Heilbut	Somebody should also check with her SAB colleague and husband Prof. Trevor Robbins (who was the PhD advisor of Lindsay Burns, Cassava’s CSO) That’s how conflicted and incestuous \$SAVA is. Independent, objective scientific advice? Hah.	https://twitter.com/Adrian_H/status/1462886022107344906
11/22/2021	QCM	The next thing to be “nuked” at \$SAVA might well be its actual board (of directors). And it won’t be Remy pulling the trigger...	https://twitter.com/QCMFunds/status/1462891558873747458
11/22/2021	QCM	After reading this exchange it finally hit me why Cassava stock price is behaving the way it is!	https://twitter.com/QCMFunds/status/1462916938686943233
11/23/2021	Jesse Brodkin	For those of you that may have been confused by @SfNJournals decision to actively participate in fraud by exonerating \$sava and surrendering their scientific integrity and voice to Remi, I put a helpful explainer here 😊 cc: @MarinaP63 @JuanLerma1 @barry_everitt @SECEnfDirector	https://twitter.com/jesse_brodkin/status/1463129101821255681
11/23/2021	Jesse Brodkin	I’m questioning the clinical data http://cassavafraud.com it’s scam, all of it 😊	https://twitter.com/jesse_brodkin/status/1463098522379632641
11/24/2021	Adrian Heilbut	Dr. Bik is exceedingly polite & fighting a much bigger war against misconduct across all of science. Given the evidence here, it is 100% clear that Dr. Wang is a fraud who has been fabricating data for 20 years. It may not be nice to say, but every one of you can see it. \$SAVA	https://twitter.com/Adrian_H/status/1463556887442558983

Date	Author	Statement	Link
11/24/2021	Adrian Heilbut	I'm not assuming anything. The statement put out by JN was patently ridiculous. The “original” blot provided in the Erratum was faked. They need to explain or correct their statement and Erratum, and explain the process that that led to it. @MarinaP63 \$SAVA	https://twitter.com/Adrian_H/status/1463562262694842372
11/24/2021	Adrian Heilbut	The whole Bordey / TSC / Yale thing is bizarre (especially the patent applications), but it's a sideshow. None of their work has ever established or validated *anything* about Simuflimflam mechanism (in AD or otherwise) or binding to FLNA.	https://twitter.com/Adrian_H/status/1463571837242290178
11/24/2021	Jesse Brodtkin	Look at the evidence yourself, it's really that simple. Here is a guided tour, if you want: http://cassavafraud.com or look at the wang pictures on pubpeer. If you like personal histories look up Remi's history at Pain Therapeutics. \$sava is a simple fraud GL 🙌	https://twitter.com/jesse_brodtkin/status/1463710841426137090
11/24/2021	QCM	There has been a scary degree of intellectual dishonesty, carelessness, cognitively biased thinking and sheer stupidity	https://twitter.com/QCMFunds/status/1463447138638213121
11/25/2021	Adrian Heilbut	This is an amazing story from @jflifer .. (and it went down at Yale, no less!) \$SAVA There's always an attempt at a cover-up, and it doesn't work in the end.. ⁷ @MarinaP63 https://muse.jhu.edu/article/839285 what is it with fraudsters and binding curves? \$SAVA	https://twitter.com/Adrian_H/status/1463770157650690058
11/25/2021	Adrian Heilbut	Secret sauce?? It is claimed in their BS patents (with the experiments done, as usual, by Wang)	https://twitter.com/Adrian_H/status/1463913276564291591

⁷ This links to an article titled, “Misconduct in Bioscience Research: a 40-year perspective.”

Date	Author	Statement	Link
11/25/2021	Adrian Heilbut	This is like those stories where someone steals a piece of art or jewelry, gets caught, and then discovers what they stole was a fake all along. \$SAVA	https://twitter.com/Adrian_H/status/1463964610487361538
11/25/2021	Jesse Brodtkin	Well there's @ClicksAndHisses @MicrobiomDigest and these guys: (show me one named scientist that doesn't think \$sava is a fraud)	https://twitter.com/jesse_brodtkin/status/1464060975036964864
11/26/2021	Jesse Brodtkin	Are you a scientist using you real name that doesn't think \$sava is a scam? You could be the founding member, claim your prize 🎁	https://twitter.com/jesse_brodtkin/status/1464242161289941002
11/26/2021	Jesse Brodtkin	Yes, I agree that my main concern is not safety, but fraud (fraud about safety is still possible). Can we agree that the company and trial should be stopped if it is found that all of their efficacy data is doctored?	https://twitter.com/jesse_brodtkin/status/1464403482925010950
11/26/2021	Jesse Brodtkin	FDA and nih are lazy and slow, they are investigating, it will come out. So far, every piece of information that we can get at looks completely made up. All clinical data is able to be messed with by Remi. Who told you the data is amazeballs?... Remi that's who 🙄	https://twitter.com/jesse_brodtkin/status/1464407602708758528
11/26/2021	Jesse Brodtkin	Two “visual errors” but who's counting. Yes he constructed a series of implausible “errors” and nonsensical post hoc criteria to wriggle out of being caught fudging, like the blots etc... it's a pattern with them	https://twitter.com/jesse_brodtkin/status/1464357760758341632
11/26/2021	Jesse Brodtkin	She heard an enticing story (simufilam binds flna with cosmic potency) saw how it could easily fit into her life's work and got excited. She didn't think to double-check, she trusted Sava wouldn't be lying (most people in science are not incorrigible liars like Remi). Sad really	https://twitter.com/jesse_brodtkin/status/1464415894411612166

Date	Author	Statement	Link
11/26/2021	Adrian Heilbut	<p>Sloppiness is not the same as fraud.</p> <p>Wang -> Fraud</p> <p>Burns -> Fraud</p> <p>Bordey -> Sloppy</p> <p>Picciotto -> Sloppy</p> <p>Capiche?</p>	https://twitter.com/Adrian_H/status/1464419283820322822
11/27/2021	Adrian Heilbut	<p>That was the image they provided. There is absolutely no plausible explanation for the linear discontinuity in the background. It is not a compression artifact; it is a sloppy cut and paste job.</p> <p>Wang is extremely lazy and sloppy with all of his western blot fabrication. That's clear if you look at the different examples of his work documented on pubpeer, & some of the newest instances are the most egregious. Explaining the psychology behind that is above my pay grade.</p>	https://twitter.com/Adrian_H/status/1464741321579581447
11/30/2021	Adrian Heilbut	<p>CUNY has no obligation to protect other people's information</p> <p>If \$SAVA want to protect their "trade secrets" maybe they should have built their own lab and hired scientists instead of playing games with academic "consultants"</p> <p>It's all a cosplay joke anyway; there's no real test</p> <p>Why not focus on the real issue: SavaDx is a fraud and the western blots on that poster presented as "SavaDx" are not what they are claimed to be. \$SAVA</p>	https://twitter.com/Adrian_H/status/1465751974998069248
11/30/2021	Adrian Heilbut	<p>The truth about \$SAVA SavaDx is that is a FAKE assay, the only purpose of which is to provide "confirmation" of the "treatment</p>	https://twitter.com/Adrian_H/status/1465870478527057920

Date	Author	Statement	Link
		effects” of \$SAVA’s inert drug that does not and cannot bind Filamin-A Remi is a special kind of genius. https://cassavafraud.com/docs/SAVADx_Theranos2.0.pdf	
11/29/2021	Enea Milioris	A Western Blot-based blood diagnostic with unprecedented accuracy is the Flintstones’ Theranos \$SAVA	https://twitter.com/DRnotaDR/status/1465412191830654982
11/30/2021	Jesse Brodtkin	It meshes up perfectly, everything except the numbers. Date, patient ID, MW, antibody, collaborator, technique... just not the result 😊 ergo \$sava lies	https://twitter.com/jesse_brodtkin/status/1465767069182529537
12/1/2021	Jesse Brodtkin	Because the poster data is fraudulent. Why would I average fraud with real?...that would be disingenuous. Because you did not understand the graph or I assumed it was clear does not make me disingenuous. Look up the word and then delete the tweet.	https://twitter.com/jesse_brodtkin/status/1466042210852519938
12/1/2021	Jesse Brodtkin	No, I honestly think SavaDx is 100% a fraud and so is \$sava If Remi wants to dispute, he can, or not. I doubt he will address because that would just create another round of lies for him t keep track of and get caught on by the numerous agencies investigating them.	https://twitter.com/jesse_brodtkin/status/1466118252560482304
12/1/2021	Jesse Brodtkin	The patient IDs are on the poster. SavaDX is 92-100% accurate in July of 2020. \$sava is lying about SavaDX and everything else	https://twitter.com/jesse_brodtkin/status/1466121893732229125
12/1/2021	Jesse Brodtkin	when you are done contemplating your navel and the proper way to average replicates, why don’t you explain how you get a ratio of proteins from a single band on the AAIC poster \$sava dx is a fraud	https://twitter.com/jesse_brodtkin/status/1466165529559932929

Date	Author	Statement	Link
12/3/2021	Adrian Heilbut	“Caught In A Lie” \$SAVA ⁸	https://twitter.com/Adrian_H/status/1466856427130179593
12/3/2021	Adrian Heilbut	No harm, no foul, To a point. Now a BIG problem & people getting lumbar punctures, on NONSENSE. Journals have failed and need to do their job. STAT. @joewalkerWSJ @davidamichaels @ClicksAndHisses @geoffrey_pitt @MicrobiomDigest \$SAVA We have the goods and you have the goods.	https://twitter.com/Adrian_H/status/1466984445865607169
12/3/2021	Enea Milioris	\$SAVA CEO Remi Barbier called his critics “Haters” But is the “hatred” blind	https://twitter.com/DRnotaDR/status/1466857583621419022
12/3/2021	Jesse Brodtkin	Let’s hope something good comes out of this \$sava fraud saga, like maybe reform of the broken system of scientific review and retraction 🙌 @SfNJournals @TurrigianoLab @MarinaP63 tick tock 😬	https://twitter.com/jesse_brodtkin/status/1466907354184794119
12/4/2021	Adrian Heilbut	Who cares? A handful of papers about associations between FLNA and various other proteins also connected to AD does not in any way establish FLNA as a target. And Wang’s papers remain made up.	https://twitter.com/Adrian_H/status/1467173535198195719
12/4/2021	Adrian Heilbut	The “non-obvious” part of their method is that Dr. Wang has to perform it, and he makes up some or all of the data, just like he has done in 25+ papers over his career. No, it is fraud because it does not make any biological sense, the results are “too good to be true”, Wang is the one who did the work,	https://twitter.com/Adrian_H/status/1467577702299406341

⁸ This tweet contains a link to a YouTube music video for the song “Lie” by the band BTS.

Date	Author	Statement	Link
		and Wang has a 20-year record of.. wait for it.. FABRICATING WESTERN BLOTS.	
12/5/2021	Adrian Heilbut	And we also know that \$SAVA is hiding something, because they deliberately do not provide any of the experimental details or the real data on the poster necessary to properly assess or interpret what the heck is going on.	https://twitter.com/Adrian_H/status/1467372763304415233
12/6/2021	Adrian Heilbut	How long until the big Wang discovers that Simuflimflam also cures impotence?	https://twitter.com/Adrian_H/status/1468008959810445312
12/6/2021	Jesse Brodkin	My dude, it REVERSES cognitive decline, these patients are literally getting smarter within weeks of taking Simufilam... SavaDX will identify AD years before onset with 100% accuracy and S will be started immediately (if it wasn't a total scam of gullible idiots that is 🤔)	https://twitter.com/jesse_brodkin/status/1467928421049278470
12/6/2021	Jesse Brodkin	It's all variations of The Big Lie...old trick, new suckers every day.	https://twitter.com/jesse_brodkin/status/1467964880997306369
12/7/2021	Jesse Brodkin	At this point I would actually be shocked if there wasn't fraudulent data in a Wang associated paper. I'm just following the well established pattern 🧐	https://twitter.com/jesse_brodkin/status/1468260294250332160
12/7/2021	Jesse Brodkin	I am a sava fraud account, can't afford to be distracted by your shenanigans	https://twitter.com/jesse_brodkin/status/1468358725853401100
12/7/2021	Jesse Brodkin	The thesis was related to sava-wang and entirely relevant to fraud in his lab.	https://twitter.com/jesse_brodkin/status/1468364904914726919

Date	Author	Statement	Link
12/7/2021	Jesse Brodtkin	Doubt it, \$sava has been uniquely brazen and inept in their scam, at least in my experience.	https://twitter.com/jesse_brodtkin/status/1468404401194909704
12/7/2021	Adrian Heilbut	He's talking about measuring CSF/Plasma albumin, not SavaDx. That was done so \$SAVA could claim a "Treatment Benefit" on BBB integrity. And it was not done properly or using routine clinical methods, and the numbers are complete manipulated garbage.	https://twitter.com/Adrian_H/status/1468386878009266176
12/9/2021	Adrian Heilbut	Which one of those provides evidence for binding of the actual \$SAVA drug, Simufilam, to the actual supposed target, FLNA? (I thought you told me that the "cryptic binding sites" on the native protein were critical..) \$SAVA isn't going to be able to BS their way out of this.. Wut? The premise of the entire charade (both for AD and for Bordey's bizarre claims) is that the drug binds FLNA. The key data \$SAVA showed to establish that is physically impossible and MADE UP. It is all a complete fraud.	https://twitter.com/Adrian_H/status/1469088912232570880
12/9/2021	Enea Milioris	\$SAVA No binding to filamin 🤔🤔🤔 Plus http://cassavafraud.com guest-stars https://regulations.gov/document/FDA-2021-P-0930-0194	https://twitter.com/DRnotaDR/status/1469007376707723268
12/9/2021	Jesse Brodtkin	Hey \$sava dupes, ya know that amazing femtomolar affinity that's in you company's patent? Yeah well, shocker, it's total BS, defies laws of physics. No patent=\$0/share 😊 #billish 🤔	https://twitter.com/jesse_brodtkin/status/1469004947501072387
12/9/2021	Jesse Brodtkin	No. I don't want to reward fraudulent data. \$sava should be punished so that others do not attempt this scam. The best thing for	https://twitter.com/jesse_brodtkin/status/1469095555859103746

Date	Author	Statement	Link
		AD research and patients is to maintain a fraud free and fact based investment environment.	
12/9/2021	Jesse Brodtkin	I would be willing to compromise on throwing Remi, Wang and any that knew in jail, liquidating the co and all the officers, allowing a small 3 mo blind P2 trial (as was planed) run by a reputable CRO to proceed. This would handle my perverse incentive problem and allow you hope.	https://twitter.com/jesse_brodtkin/status/1469097081415553028
12/9/2021	Jesse Brodtkin	18 months to replicate 🧐 any data, it'll take \$sava that long to hire reps, marketing and synthesis. They've been trying to hire 1 reg affairs person for 3 months. They have fraud cooties. All moot of course.	https://twitter.com/jesse_brodtkin/status/1469122007174467587
12/9/2021	Jesse Brodtkin	There are zero well established successful scientists involved in this endeavor. They can't even publish their P2 data 🧐. Just greedy fraudsters. You should buy more shares.	https://twitter.com/jesse_brodtkin/status/1469122801051258880
12/9/2021	Jesse Brodtkin	because my hypothesis is Wang is a fraud and he wouldn't want anyone else working with it because then they would see it's BS. If it was mine and it WAS the cure for AD I would want the whole world working on it	https://twitter.com/jesse_brodtkin/status/1469043565967941634
12/9/2021	Jesse Brodtkin	if it was the only piece of evidence that Wang is a serial liar, yet. But it's a drop in the ocean of fraud from that guy. Just putting all the pieces together with a simple elegant theory that explains all of it, that's science	https://twitter.com/jesse_brodtkin/status/1469048051285303297
12/9/2021	Jesse Brodtkin	Since the patent contains fraudulent data, even if it does "work" (it won't) it will be the company with the best chemical manufacturing and distribution that will make money of it, and that ain't \$sava	https://twitter.com/jesse_brodtkin/status/1469089894907658253

Date	Author	Statement	Link
12/9/2021	Jesse Brodkin	No, but that's funny. I think by now they have realized they got bamboozled by \$sava fraud Wang.	https://twitter.com/jesse_brodkin/status/1469094252055613440
12/10/2021	Enea Milioris	\$SAVA Latest CUNY FOIed emails show: - Wang lab analyses not blinded - Wang knows sample time-points for P2b OL study (Day 1 Vs 6 Month) - Wang lab has access to patient-specific info inc initials - Likely HIPAA violation (FDA, CRO have been alerted)	https://twitter.com/DRnotaDR/status/1469283655147298824
12/10/2021	Jesse Brodkin	It takes time to dig up and work out all the different ways \$sava lies to the public. Some of ours come from FOIA which we don't control when they arrive. We are building a damning case with solid proof, it doesn't happen all at once.	https://twitter.com/jesse_brodkin/status/1469210754662420481
12/10/2021	Jesse Brodkin	fraud crook misconduct scam snake-oil con scheme \$sava feel free to add any you can think of 😊	https://twitter.com/jesse_brodkin/status/1469393771737530371
12/11/2021	Jesse Brodkin	Leak the info given to them with the understanding that they wouldn't leak it. And I at least covered the last initial. Anyway, that is a minor issue compared to \$sava-fraud Wang being unblinded during your precious OL. How's the confidence in that data going? 😊	https://twitter.com/jesse_brodkin/status/1469781271920402441
12/11/2021	Jesse Brodkin	Key is "confines of the study", obv Pei and Wang lab are supposed to be blind according to SEC filings and *very probably* study protocol. It's a shit-show of fraud and incompetence. SEC has been informed of \$sava lies on filings 👍	https://twitter.com/jesse_brodkin/status/1469782611421716482
12/11/2021	Jesse Brodkin	Eliminate fraud, reduce abuse of the system, punish bad actors and make money.	https://twitter.com/jesse_brodkin/status/1469632116975677448

Date	Author	Statement	Link
12/11/2021	Patrick Markey	The cold hard proof that the reported binding is physically impossible!!! The cold hard proof that they used the same mouse brain (but with altered view / staining) in allegedly different conditions. The cold hard proof that several WBs have been doctored for 20 years.	https://twitter.com/PatricioMarceso/status/1469674470843502599
12/11/2021	Patrick Markey	The cold hard proof that the baseline changes in cog data show highly unlikely shifts. The cold hard proof that they show signaling in frozen, thawed and re-frozen brain tissue that is several years old, which also appears to be physically impossible.	https://twitter.com/PatricioMarceso/status/1469675096696668161
12/11/2021	Patrick Markey	The cold hard proof that the submitted original data to a journal clearly appears doctored itself! The cold hard truth that the company as defense makes worrying, nonsensical statements like “altering WB controls doesn’t make sense” or “Don’t trust pictures on the internet”.	https://twitter.com/PatricioMarceso/status/1469675751221907459
12/11/2021	Patrick Markey	I have told you that the company could be a fraud and still have a working drug, yes. I think the likelihood for that is probably infinitesimally small though.	https://twitter.com/PatricioMarceso/status/1469798011647799296
12/11/2021	Patrick Markey	Likewise. Ok, my prediction is that \$SAVA will not actually be able to finish P3 trials as planned. This story will end up somehow similar to Theranos. Mark my tweet, if I will have been wrong I will readily admit it! Here on Twitter!!!	https://twitter.com/PatricioMarceso/status/1469816464005906432
12/13/2021	Adrian Heilbut	5 days later: \$SAVA has still not responded to the 12/10 CP update showing the KEY experiment in which they claimed their “drug”	https://twitter.com/Adrian_H/status/1470453960280576004

Date	Author	Statement	Link
		<p>binds its “target”, FLNA, was physically impossible and thus COMPLETELY MADE UP</p> <p>They can’t, because it IT IS ALL MADE UP.</p> <p>https://downloads.regulations.gov/FDA-2021-P-0930-0195/attachment_1.pdf</p> <p>This \$SAVA / Wang paper must set a record for methodological diversity of fabrications & errors in a single piece of work:</p> <ul style="list-style-type: none"> - faked western blots - duplicated microscopy images - mismatched antibody specificities - physically impossible radiochemistry <p>https://pubpeer.com/publications/80DD10169D3C375C5828BC2711A49B</p>	
12/13/2021	Adrian Heilbut	Cognitive results from an open label trial are utterly meaningless. Ask Remi.	https://twitter.com/Adrian_H/status/1470535690085703689
12/13/2021	Jesse Brodtkin	So much easier to let the rest of society bear the costs of \$sava fraud than to act responsibly and do your job, right @MarinaP63? (Even when the investigation was done for you 😞) cc: @TurrigianoLab	https://twitter.com/jesse_brodtkin/status/1470366262505226244
12/13/2021	Jesse Brodtkin	In \$sava latest December slide deck they have moved SavaDX back from “initiate validation trial in 2021” to “in early stage development”. SavaDX is supposedly a simple blood based-diagnostic with a “92-98%” accuracy which they have been pumping since 2017 😞 (it’s a scam too 😞)	https://twitter.com/jesse_brodtkin/status/1470417898753699840

Date	Author	Statement	Link
12/14/2021	Patrick Markey	You are of course right. But are you basically suggesting that when one sees apparent fraud and gullible victims, one should just not do anything? Does one not have a responsibility as a citizen? Also, who is trying to get people fired?	https://twitter.com/PatricioMarceso/status/1470892349236682754
12/15/2021	Adrian Heilbut	.. plus the \$SAVA “erratum” that: - itself contains fabricated, low-res images; - ignores actual problems in figures it claims to correct; - ignores the *many* other concerns raised about the paper; - played J Neurosci as a puppet to manipulate a stock https://pubpeer.com/publications/F91E0D22B887598445BB1F908393EE	https://twitter.com/Adrian_H/status/1471314007122456579
12/15/2021	Jesse Brodtkin	A great article summarizing all the fraud that \$sava has been caught doing (so far). There has been so much I lose track myself, so here is a good reference if you are just tuning in 😊	https://twitter.com/jesse_brodtkin/status/1471133395291975688
12/15/2021	Jesse Brodtkin	Both are true, data are fake and should be discarded if obtained in violation of patients rights. No change in our case, just more evidence \$sava is a shambolic charade https://cassavafraud.com/docs/SAVARReport_Deck_2021_11_03.pdf	https://twitter.com/jesse_brodtkin/status/1471298668150116354
12/15/2021	Patrick Markey	I would say that anything which doesn’t have to do with helping to uncover fraud can very likely wait until January. 😊	https://twitter.com/PatricioMarceso/status/1471300397339979786

Date	Author	Statement	Link
12/15/2021	QCM	Cassava fraud and Alzheimer's capitalism – For Better Science ⁹	https://twitter.com/QCMFunds/status/1471162290984603648
12/16/2021	Adrian Heilbut	<p>Imagine what it must be like to be @lindsaybbar, the CSO of a scientific fraud like \$SAVA, knowing the charade is about to come crashing down & the last 15 years of your work is fake, & going on LinkedIn every day to comment on stock promotion videos put out by “Tendies Club”</p> <p>I think it's more about trying to fool herself into thinking that there are people who still trust and believe in her \$SAVA “science”.. she needs the affirmation, even if it's coming from the clueless.</p>	https://twitter.com/Adrian_H/status/1471532842693898246
12/16/2021	Jesse Brodtkin	Follow this thread to understand why \$sava bonus structure plan is an incentive for fraud and how bulls are lying when they call it “FUD”	https://twitter.com/jesse_brodtkin/status/1471478724998668292
12/16/2021	Jesse Brodtkin	It looks like my perfectly reasonable letter regarding an opaque investigation of the \$sava manipulated images by JoN didn't make the latest issue. I trust electronic publication can proceed without further delay 👍 The scientific community deserves transparency @MarinaP63	https://twitter.com/jesse_brodtkin/status/1471481003445268487
12/16/2021	Jesse Brodtkin	The lying to the public, nih, fda and sec should not “rest”, these are not issues that need to await the p3 trial results... for a summary see http://cassavafraud.com or for an even more complete history	https://twitter.com/jesse_brodtkin/status/1471530970515968011

⁹ This tweet includes a link to a post titled the same (<https://forbetterscience.com/2021/12/15/cassava-fraud-and-alzheimers-capitalism/>).

Date	Author	Statement	Link
12/16/2021	Jesse Brodtkin	A great concise timeline of the \$sava scam from painful 😊 origin to shambolic dissembling end game	https://twitter.com/jesse_brodtkin/status/1471623173363978247
12/17/2021	Adrian Heilbut	The attempted coverup here may turn out to be worse (for Remi and Lindsay) than the original crime..	https://twitter.com/Adrian_H/status/1471945552166363146
12/17/2021	Jesse Brodtkin	I'm going with the simplest reasonable explanation as the most likely; the members that were on the board are ashamed to be associated with the scam and have resigned. \$sava would rather just bury that fact by erasing the web link than make an announcement. You're welcome Pat 😊	https://twitter.com/jesse_brodtkin/status/1471891940513878026
12/17/2021	Jesse Brodtkin	I think the cognitive scores, like the biomarker data are lies and meant to defraud investors and contaminate the market for real science. \$sava does a disservice to AD patients, and investors. What I have said about \$sava research is true and undisputed by \$sava 🙄	https://twitter.com/jesse_brodtkin/status/1471936321950302210
12/17/2021	Jesse Brodtkin	Either I am an annoying skeptic or Remi is a sociopathic criminal taking advantage of sick and desperate people. Skeptic is an important and critical role in scientific inquiry while sociopath is an undisputed societal evil. Focus your attention as you see fit.	https://twitter.com/jesse_brodtkin/status/1471937261189087234
12/17/2021	Jesse Brodtkin	I don't pretend or want to understand Remi. Yes P3 will fail. There is no need to put off the exposing and punishing the fraudulent behavior until that time. They are currently engaged in a massive fraud and should be stopped. The P3 is an additional but separate matter, imo	https://twitter.com/jesse_brodtkin/status/1471941808582283272
12/17/2021	Jesse Brodtkin	The \$sava lies never stop 🙄	https://twitter.com/jesse_brodtkin/status/1471945262239207428

Date	Author	Statement	Link
12/17/2021	Jesse Brodtkin	Important point on the continuing obligation JoN has to it's readers and the scientific community regarding \$sava fraud in it's journal.	https://twitter.com/jesse_brodtkin/status/1471961847876272129
12/18/2021	Adrian Heilbut	HBO has already made an excellent documentary on \$SAVA (and \$AMC) https://hbomax.com/series/urn:hbo:series:GX72QuwdZ0yGqwgEAAAY4 ¹⁰ (in all seriousness, it's worth watching..)	https://twitter.com/Adrian_H/status/1472395449285976067
12/18/2021	Enea Milioris	Hopefully in time for[santa] to cross off the naughty list \$SAVA getting coal tho	https://twitter.com/DRnotaDR/status/1472153853764247554
12/18/2021	Jesse Brodtkin	It only takes Wang, Remi and probably Burns to be active liars. Some at \$sava are turning blind eye. Reg agencies haven't engaged yet. Sites are not privy to manipulation and need not be complicit.	https://twitter.com/jesse_brodtkin/status/1472262528377970696
12/18/2021	Jesse Brodtkin	It took a decade for Remi to build the \$sava scam. Through scientific teamwork and perseverance we have exposed this fraud. The tide is turning 🌊 #ENDALZ	https://twitter.com/jesse_brodtkin/status/1472360231678234630
12/18/2021	Jesse Brodtkin	How it's not below cash with all the legal fights coming and possible looting via "bonus" plan is beyond me 🤖	https://twitter.com/jesse_brodtkin/status/1472388868422909953
12/18/2021	QCM	This is the beginning of the end for this evil entity. The other articles are going to fall like dominoes as well. Next is likely the	https://twitter.com/QCMFunds/status/1472114991868387328

¹⁰ This is a link to an HBO documentary titled "Heaven's Gate: Cult of Cults."

Date	Author	Statement	Link
		sound of handcuffs for all responsible of making a mockery of the US healthcare system ¹¹	
12/18/2021	QCM	\$SAVA you have been caught red handed! Stop the trials and spare the patients your useless treatment! #Savastoptheuselesstrials #savastopthetrials	https://twitter.com/QCMFunds/status/1472312705063268364
12/19/2021	Patrick Markey	It is precisely FOR those humans taking Simufilam that we are fighting! I believe it is unethical and counterproductive to give false hope and profit from that!!! Placebo can be had elsewhere and just as effectively. We should be exploring REAL treatments!	https://twitter.com/PatricioMarceso/status/1472552308487692295
12/20/2021	Adrian Heilbut	[Twitter poll] Which \$SAVA / Wang paper will be next to receive an editorial Expression of Concern? https://pubpeer.com/search?q=hoau-yan+wang Wang 2017, Neurobio Aging 48.6% Wang 2020, JPAD 11.4% Wang 2005, Neuroscience 11.4% Wang 2021, Neuroscience 28.6% 35 votes	https://twitter.com/Adrian_H/status/1473007618750832646

¹¹ In a reply tweet, QCM inserted a GIF of an explosion and a man saying, “Nothing to see here. Please disperse.”

Date	Author	Statement	Link
		Final results Does Wang 2017 deserve to win first for its physical impossibility, or Wang 2021 for comedy? \$SAVA	
12/20/2021	Adrian Heilbut	It is also the one that is absolutely central to the claim/lie that Simuflimflam has some kind of “mechanism of action” that might do anything for AD in humans.	https://twitter.com/Adrian_H/status/1473021298494296064
12/20/2021	Adrian Heilbut	The funny thing about that BS 2005 \$SAVA paper that Wang is now desperately trying to keep alive by fabricating “original” data is that we already know the “drug” that Pain Tx was trying to develop based on that “science” was a total failure, the first of Remi's many debacles. Wang has been fabricating his entire career, so I guess it shouldn't be so surprising that he would continue to do so.	https://twitter.com/Adrian_H/status/1473137579390377987
12/20/2021	Jesse Brodtkin	That's 2 \$sava-fraud Wang papers on the road to retraction... only 29 more to go 🚚🚚	https://twitter.com/jesse_brodtkin/status/1472903116202729475
12/20/2021	Jesse Brodtkin	Helpful lesson on why the central thesis of \$sava is an absolute lie. It's physically impossible to support their femtomolar affinity claim using their methods... STILL no comment by Remi, why? 🧐... (hint: because it was always a lie 😏)	https://twitter.com/jesse_brodtkin/status/1472904557218906116
12/20/2021	Jesse Brodtkin	Award ceremony for \$sava's most brazen lie will be held in Twitter Spaces on January 27th, get your votes in. Reply to this tweet with you favorites. Winner gets 🏆	https://twitter.com/jesse_brodtkin/status/1473013645571469318
12/20/2021	Jesse Brodtkin	But just on sheer impact, this guy is probably the winner. An image manipulation in response to questions of image manipulation	https://twitter.com/jesse_brodtkin/status/1473031196334596099

Date	Author	Statement	Link
		followed by market manipulation. I could see jail time and an Editor resigning justified by this one pic alone. 🚗 \$sava	
12/21/2021	Adrian Heilbut	Here's my letter to @JuanLerma1 concerning the latest round of apparent data fabrication and cover-up by \$SAVA & Dr. Wang, in Neuroscience https://pubpeer.com/publications/5E71DFFFC843817787A90968A16765#12 The cowardice and complicity of journals & their editors in cover-ups needs to end. @MicrobiomDigest @MarinaP63	https://twitter.com/Adrian_H/status/1473256153467469835
12/21/2021	Adrian Heilbut	Decent chance that \$SAVA ends red.. Just another pathetic and increasingly desperate pump-and-dump onto the ignorant and credulous. It is all made up.	https://twitter.com/Adrian_H/status/1473315921972314118
12/21/2021	Adrian Heilbut	Some great new analysis on PubPeer pointing out and quantifying the latest \$SAVA lies and fabrications that were already plain to see for anyone who just looked. https://pubpeer.com/publications/5E71DFFFC843817787A90968A16765	https://twitter.com/Adrian_H/status/1473440623894175751
12/21/2021	Jesse Brodtkin	I said we don't know because sava lies about everything, but I'll give you that we don't know that it isn't safe. I don't think i ever claimed that we know it isn't safe. Kinda flimsy to call that a lie. Happy?	https://twitter.com/jesse_brodtkin/status/1473172785035890688
12/21/2021	Jesse Brodtkin	\$sava is doing societal harm as well as committing securities fraud by lying about their "science"	https://twitter.com/jesse_brodtkin/status/1473457850584338440

Date	Author	Statement	Link
12/23/2021	Jesse Brodtkin	Because they are currently the worst example of fraud I have ever seen. They are focused on their criminal activity, we need to be just as focused. If you think other companies are worthy of our attention, please share.	https://twitter.com/jesse_brodtkin/status/1474060301607874563
12/25/2021	Jesse Brodtkin	This is probably true, were it not for the fact that their data is completely made up. The market is telling you there is a 98.3% chance \$sava is totally full of 🐞	https://twitter.com/jesse_brodtkin/status/1474940682313863172
12/26/2021	Patrick Markey	This is getting tiring. Maybe one of the tagged institutional accounts actually wants to weigh in and make @dogs_valley aware that they are being played for a fool. Some more attention on this whole \$SAVA case probably wouldn't be all that bad. #EndAlz and #endfraud	https://twitter.com/PatricioMarceso/status/1475283618490687490
12/28/2021	Jesse Brodtkin	We have said that they are liars and provided copious amounts of evidence (http://cassavafraud.com), and will continue to until they are prosecuted by the regulatory authorities, as any responsible citizen should. Why aren't you demanding answers and transparency from your co?	https://twitter.com/jesse_brodtkin/status/1475839412936323080
12/28/2021	Jesse Brodtkin	Hey @lindsaybbar maybe instead of spending your time trash talking on FB you could address a foundational flaw in \$sava and answer this question? (a scientist would address however a fraud would ignore and distract by feigning outrage)	https://twitter.com/jesse_brodtkin/status/1475842855457509381
12/29/2021	Jesse Brodtkin	It doesn't matter WHO points out the fraud and lies of \$sava (ad hominem #1). Not baseless as Remi already admitted "visual errors" (you're plain wrong or lying) Wester Blots are the foundation of	https://twitter.com/jesse_brodtkin/status/1476114812266590209

Date	Author	Statement	Link
		sava's science 🧪. "Clean" is just wishful thinking #10. You look foolish.	
12/30/2021	Jesse Brodtkin	\$sava is a fraudulent company cultivating a malicious mob through social media	https://twitter.com/jesse_brodtkin/status/1476671467764998144
12/31/2021	Jesse Brodtkin	But does, because if Wang is a serial fraudster then that brings all P2 biomarker data into question (more so since Quanterix? didn't see what Wang saw from the same samples). Plus it terminally poisons \$sava patents, sorry/not sorry 😊	https://twitter.com/jesse_brodtkin/status/1477077105804464135
1/2/2022	Patrick Markey	The public - i.e. defrauded investors and patients with false hope - would not have been notified about what appears to be going on here as quickly, correct.	https://twitter.com/PatricioMarceso/status/1477721699437232129
1/2/2022	Patrick Markey	You do know why I said "Yes, yes and yes", right? (Or are you new to this story?) There is direct evidence of fraud, some aspects are more evident (or "probable") than others, and much of the hard evidence has been known for months. So, what's your point?	https://twitter.com/PatricioMarceso/status/1477828084539797507
1/3/2022	Enea Milioris	Will @JoeSpringer aka \$SAVA SteroidUncle incriminate himself again by pumping a faked doc?	https://twitter.com/DRnotaDR/status/1478044720068804610
1/3/2022	Adrian Heilbut	Not content with fabricating scientific data, the \$SAVA bulls are now fabricating correspondence from the DOJ for a pump.. ¹²	https://twitter.com/Adrian_H/status/1478028839150305282

¹² This tweet includes a screenshot of text saying "United Department of Justice," where 'States' has been left out.

Date	Author	Statement	Link
1/3/2022	Jesse Brodtkin	Remi is truly blessed 😊 with the dumbest shareholders, stay tuned for \$sava sponsored @JoeSpringer pump and dump at noon 📈	https://twitter.com/jesse_brodtkin/status/1478030144417763328
1/3/2022	Jesse Brodtkin	[accompanying link to story about conviction of Elizabeth Holmes] Hey Remi, did you catch this? Maybe you two could be roommates \$sava	https://twitter.com/jesse_brodtkin/status/1478161351772155911
1/3/2022	Jesse Brodtkin	Even Theranos never claimed 98% accurate blood tests like \$sava much less for detecting AD 🤔	https://twitter.com/jesse_brodtkin/status/1478170474131644421
1/3/2022	QCM	Beware: Desperate \$SAVA bulls are circulating a patently forged DOJ letter claiming a an investigation against short sellers. Numerous mistakes starting from my last name and United Dept. of Justice instead of United States. This is a textbook case of market manipulation ¹³ Stock price increased over 10% because of this “news”	https://twitter.com/QCMFunds/status/1478036830251585536
1/5/2022	Jesse Brodtkin	Second step is to root out the frauds that are already in the market \$sava	https://twitter.com/jesse_brodtkin/status/1478858109565161473
1/6/2022	Adrian Heilbut	Matt, how about you go through our actual letter with a red pen, identify the “logical leaps”, and we can discuss. The issues in Wang’s papers aren’t mistakes. It was deliberate scientific fraud, over decades. Either you still don’t understand, or your don’t want to understand.	https://twitter.com/Adrian_H/status/1479265136640729090

¹³ This tweet includes what purports to be an image of a letter from the DOJ regarding an inquiry for information of a criminal investigation into short-sellers confirming there is an open investigation.

Date	Author	Statement	Link
		The problem is that they have never slowed cognitive decline. It's all a con based on shifting targets.. from "binding" to "biomarkers" to non-significant open-label sleight of hand to fool you.	
1/6/2022	Adrian Heilbut	<p>As we've discussed ad nauseum, OL cognition is BS to begin with, and there are obvious problems in that data (changing baselines, dropouts). It is uninterpretable & meaningless, yet you cling to it despite co and Remi TELLING you that you can't rely on it.. b/c they know it is BS</p> <p>Not to mention that most of the biomarker data was made up and/or cherry-picked..</p> <p>Go read our letter where we (esp @DRnotaDR) explain exactly how and why the biomarker data appears to be made up and/or cherry-picked.</p> <p>https://cassavafraud.com/docs/SAVARReport_Nov2_Final_links.pdf</p> <p>Page 6 through 12. I look forward to your detailed rebuttal.</p>	https://twitter.com/Adrian_H/status/1483579466760740871
1/6/2022	Adrian Heilbut	Do you ever read anything and think for yourself or do you just keep telling yourself the lies that Remi told you because it makes you feel better?	https://twitter.com/Adrian_H/status/1479296411669827584
1/6/2022	Jesse Brodtkin	yeah, our interests were heightened by the high price and the weighing in of some prominent scientists, so? We were shorting this scam way before the CP, btw.	https://twitter.com/jesse_brodtkin/status/1479263123949473794
1/6/2022	Jesse Brodtkin	I feel the same way; the fraud, it never ends 😊... so, how many patients have been dosed? Or is that a secret? Have they cleared some journals that I do know about? Addressed any of the CPs? The	https://twitter.com/jesse_brodtkin/status/1479275328962969600

Date	Author	Statement	Link
		next “FUD” is more FOIAs then CUNY, NIH, SEC, FDA and then class action law suits.	
1/6/2022	Jesse Brodtkin	I suppose if they admit the fraud, replace all guilty and complicit parties, inform all participants that it’s based on BS and throw themselves on the mercy of the court, I would not care if they ran an independently monitored P3 🙏	https://twitter.com/jesse_brodtkin/status/1479301061827612673
1/6/2022	Jesse Brodtkin	What if..... hear me out.... They are lying? It’s been known to happen (Remi and Wang even have a history of it 😬)... still want in?	https://twitter.com/jesse_brodtkin/status/1479302237310656516
1/8/2022	Adrian Heilbut	Also, the whole "curing Alzheimer's" thing is improbable, and the 15 years of preclinical data are MADE UP. We're talking about the bullshit testimonial above with the person claiming an improvement in 28 days. about those blots..	https://twitter.com/Adrian_H/status/1480007438933934085
1/8/2022	Jesse Brodtkin	You need to prevent a perverse incentive for fraud, for the benefit of all AD research and patients	https://twitter.com/jesse_brodtkin/status/1479941716660699136
1/8/2022	Jesse Brodtkin	You didn’t address the perverse incentive. Remi is a product of this perversion, he learned from pti that one can lie to the public and get away with merely fines... look it up 🙏	https://twitter.com/jesse_brodtkin/status/1479945051652435972
1/8/2022	Jesse Brodtkin	You are missing the point, it’s not the salary, it’s allowing the criminal to get away with it. “He robbed the bank, but let’s see what he does with the money” is not good for society, imo	https://twitter.com/jesse_brodtkin/status/1479948076097974274

Date	Author	Statement	Link
1/9/2022	Jesse Brodkin	I can't wait for \$sava presenting the medical discovery of the century, the cure for Alzheimer's, at #JPM22... Sure to be followed by big "deal" news.... Oh wait... 🤔 🤔 [accompanying a photograph of a Theranos device]	https://twitter.com/jesse_brodkin/status/1480283663728361497
1/9/2022	Jesse Brodkin	It is exactly that. Here is the proof. \$sava has lied to the public, CTAD, SEC and now, apparently, you in private communications.	https://twitter.com/jesse_brodkin/status/1480332813232754693
1/9/2022	Jesse Brodkin	Makes sense, so long as everyone knows they are participating in a nonsensical charade, I'm ok with people doing what they want. It's the lying that is the problem.... Understand?	https://twitter.com/jesse_brodkin/status/1480338250971688964
1/9/2022	Jesse Brodkin	I guess so. \$sava said Wang was blinded. The Wang lab was not blinded as we showed in the emails. Therefore, \$sava lied. If you can't understand that simple set of facts, then yes, you are stupid.	https://twitter.com/jesse_brodkin/status/1480340493045485573
1/9/2022	Jesse Brodkin	They dropped SavaDX in the last update, because it was always BS 🙄	https://twitter.com/jesse_brodkin/status/1480349649810739200
1/10/2022	Adrian Heilbut	That is not the point here. The point is simply that there is evidence in black and white that SAVA / Wang photoshopped images that they sent to JNeuro as "originals", and then pumped the stock based on their "erratum"	https://twitter.com/Adrian_H/status/1480688243578388480
1/10/2022	Jesse Brodkin	\$sava has (likely) been manipulating their data for years and is under investigation by sec, fda, nih and cuny for scientific misconduct	https://twitter.com/jesse_brodkin/status/1480712729660899330
1/10/2022	Jesse Brodkin	plenty of evidence the data is not real: http://cassavafraud.com how much do you need to see before you admit that it's more likely a known liar is lying out curing AD than some mediocre failed	https://twitter.com/jesse_brodkin/status/1480723355930177536

Date	Author	Statement	Link
		scientists stumbled upon the discovery of the century and just happen to be liars too.	
1/10/2022	Jesse Brodtkin	Post a pic of literally anything in your vicinity that says you are a doctor 9:40... go ahead, you can black out the name if you are ashamed of believing Simufilam isn't a scam	https://twitter.com/jesse_brodtkin/status/1480731617853329411
1/11/2022	QCM	<p>[Quoting tweet that reads:</p> <ul style="list-style-type: none"> ✓ No academic center!👉 ✓ No more a Scientific Advisory Board 🐒 ✓ CP, @MicrobiomDigest and others Phd \$TWIT contributors showed that #Burns_Wang papers were forged 🚨 ✓ @QCMFunds showed that trials were rigged.. ⚠️ ✓ #FDA investigates \$SAVA <p>OMG !🐒🐒🐒]</p> <p>That sums it up rather well</p>	https://twitter.com/QCMFunds/status/1480982411706081284
1/12/2022	Adrian Heilbut	a lot of different people / groups seem to have been aware for over a decade that Wang was the man to call for a collaboration if you wanted experiments to miraculously work, with lots of western blots to prove it	https://twitter.com/Adrian_H/status/1481444869969223682
1/12/2022	Jesse Brodtkin	Is \$sava cherry-picking respected institutions (Yale and Rush) out of their trials or are reputable institutions preserving their dignity by dropping \$sava. Waiting for Remi to tell us how both are bullish indicators for the P3 trials 😂	https://twitter.com/jesse_brodtkin/status/1481239751084716037

Date	Author	Statement	Link
1/12/2022	Jesse Brodtkin	They can't even retain a Scientific Advisory Board, and those guys are paid! \$sava such an obvious scam 😬	https://twitter.com/jesse_brodtkin/status/1481253519390908419
1/12/2022	Jesse Brodtkin	I like this \$sava manipulated image in response to accusations of \$sava manipulating images 🤡🤡 h/t Bik	https://twitter.com/jesse_brodtkin/status/1481341654976057348
1/12/2022	Jesse Brodtkin	\$sava @lindsaybbar show us the receipts ... lol... as if 😬	https://twitter.com/jesse_brodtkin/status/1481408237366874116
1/13/2022	Adrian Heilbut	Wang may well be crazy, and Burns may have been gullible (but tbh I seriously doubt that). However, they have both known for some time about serious problems in their papers, and all they have done is lie, gaslight, and attempt a cover-up. There are no innocent explanations.	https://twitter.com/Adrian_H/status/1481703615563771910
1/14/2022	Jesse Brodtkin	👉 My one theory is \$sava is a scam	https://twitter.com/jesse_brodtkin/status/1482060843500064771
1/14/2022	Jesse Brodtkin	Or leaving the cure for Alzheimer's in the hands of 4 time failure Remi and 11 mediocre shady colleagues. For the sake of the patients they should be crying the loudest for Remi's firing. Yet 😬	https://twitter.com/jesse_brodtkin/status/1482137776745291779
1/14/2022	Patrick Markey	I might sound like a broken record but want a rigorous audit because of: physically impossible binding, several altered and duplicated mouse brain micrographs, non-existent 7nAChR antibodies, repeated photoshop edits, and terrible unscientific responses, to name just a few.	https://twitter.com/PatricioMarceso/status/1481980950452092930
1/16/2022	Jesse Brodtkin	No, I think Remi cherry-picks the "first 50" patients after he looks at the randomly distributed data to make whatever "result" he thinks will pump the stock price.	https://twitter.com/jesse_brodtkin/status/1482759500776058891

Date	Author	Statement	Link
1/16/2022	Jesse Brodtkin	Hey @JuanLerma1, clean this mess you made up. You degrade the value of everything published in your journal if you let fraud in and keep it there, even when pointed out to you 😏	https://twitter.com/jesse_brodtkin/status/1482865859978833922
1/17/2022	Adrian Heilbut	\$SAVA is worse than Theranos	https://twitter.com/Adrian_H/status/1483101856771497988
1/17/2022	Jesse Brodtkin	\$sava CEO Remi Barbier can't make it through a sentence with The New Yorker without coming off as a liar 😏	https://twitter.com/jesse_brodtkin/status/1483060986789740544
1/17/2022	QCM	Fighting for justice to arrive, on step at the time. ¹⁴	https://twitter.com/QCMFunds/status/1483060757411606530
1/17/2022	QCM	Contradicting himself three times in a single sentence: “There is zero evidence, zero credible evidence, zero proof that I’ve ever engaged in, nor anyone I know, has ever engaged in funny business.” Remi Barbier, CEO \$SAVA ¹⁵ Kudos to the New Yorker for catching this	https://twitter.com/QCMFunds/status/1483084575387566082
1/17/2022	QCM	IMIC just changed the description of Juana Pelegri from PhD to “candidate”. Indirectly confirming that the previous description was a lie, as we highlighted in our report. I guess it’s housecleaning just in case the FDA shows up (again) This is \$SAVA’s main clinical center arguably	https://twitter.com/QCMFunds/status/1483155957702135809

¹⁴ This tweet links to a profile on Jordan Thomas published in *the New Yorker*, which details his work for Bredt and Pitt and the filing of the Citizen Petition.

¹⁵ This tweet features a GIF of Pinocchio with a growing nose.

Date	Author	Statement	Link
		<p>For the sake of clarity, this fake PhD person was interviewed by IMIC as an “expert” in Alzheimer’s diagnosis. If these people are diagnosing AD for the \$SAVA study, no wonder the clinical trials end up questionable (or worse)</p> <p>Enjoy IMIC interviewing her own employee as a “doctor”, PhD, and expert in diagnosis and treatment of AD and also a trained clinical psychologist. Seems all fake. All we found on Pelegri was a license as an x-ray technician expired 6 years ago. https://youtu.be/Bij1md1Kq6A</p>	
1/18/2022	Adrian Heilbut	<p>Wang is a total fraud. All of his work is destined to be retracted.</p> <p>Bordey took Burns at her word & didn’t do the experiments necessary to test MoA of Simuflimflam.</p> <p>Picciotto got fooled by Burns & made a major error as an editor; to her credit she partially corrected her mistake.</p>	https://twitter.com/Adrian_H/status/1483579466760740871
1/18/2022	Adrian Heilbut	All it would take is for you to be intellectually honest. Or just plain honest. But neither you, nor the SAVAgEs, nor Remi, Burns, nor Wang can ever be honest, because that would immediately stick a fork in the grift.	https://twitter.com/Adrian_H/status/1483590799342325762
1/18/2022	Adrian Heilbut	There are also dozens of other Wang papers, some central to the story, some less so, but all adding to the evidence that is entire body of work is fraudulent.	https://twitter.com/Adrian_H/status/1483645453463924736
1/18/2022	Jesse Brodtkin	Did you miss this obvious fraud published in your journal: yes!	https://twitter.com/jesse_brodtkin/status/1483380512844660739
1/18/2022	Patrick Markey	It makes me sad to say, but the very fact that scientific journals have willingly become a target of financial schemes is worrying. From an evidence-based perspective it is overwhelmingly clear that the	https://twitter.com/PatricioMarceso/status/1483447262793641994

Date	Author	Statement	Link
		submitted “original” data is highly problematic, this should be acknowledged!	
1/19/2022	Adrian Heilbut	\$SAVA science is a total fraud and those relating hopeful anecdotes about patients currently in the clinical trials are either fools or shills.	https://twitter.com/Adrian_H/status/1484016429770817537
1/19/2022	Enea Milioris	\$SAVA Photoshop guru Dr Wang has paper retracted due to his Western Blot Long list of co-authors left ¹⁶	https://twitter.com/DRnotaDR/status/1483934941977137155
1/19/2022	Patrick Markey	Yeah, that’s a good point. If they really were a fraud, I think they would just straightforward tell everyone and be as open about it as possible. Because if you run a fraud why on earth would you want to trick people into believing it? 😞	https://twitter.com/PatricioMarceso/status/1483939998588153862
1/20/2022	Jesse Brodtkin	icymi MOAR \$sava fraud news. A clean paper retraction by a group that was unfortunate enough to collaborate with Dr Wang 😞	https://twitter.com/jesse_brodtkin/status/1484153502482022400
1/20/2022	Jesse Brodtkin	See @JuanLerma1 it’s not that hard to call a fraud a fraud... wake up and do your job 😞	https://twitter.com/jesse_brodtkin/status/1484229219974533126
1/20/2022	Jesse Brodtkin	spelled out pretty clearly here, Wang attempted to clear himself of image manipulation accusations by producing manipulated images AGAIN (cc @JuanLerma1 @MarinaP63) \$sava	https://twitter.com/jesse_brodtkin/status/1484230455452962817
1/20/2022	Jesse Brodtkin	Clearly a cry for help from Wang for someone to come stop him from committing more fraud. In most fields this would lead to one’s license to practice being revoked.	https://twitter.com/jesse_brodtkin/status/1484234255693754375

¹⁶ Includes pictures of authors of publication and accompanying quote tweet.

Date	Author	Statement	Link
1/20/2022	Jesse Brodtkin	Why more likely? He has motive, opportunity and the means. This is the third time he has tried to fake his way out of a fraud allegation 🙄	https://twitter.com/jesse_brodtkin/status/1484257666163777543
1/20/2022	Jesse Brodtkin	Not cool to scam desperate patients, families and gullible investors 🗨️ Very cool to call out fraud 👍	https://twitter.com/jesse_brodtkin/status/1484350382453059588
1/20/2022	QCM	\$SAVA is slowly advancing toward its doom. It should have imploded in November, but it endured thanks to shameless market shenanigans. Now it's on its way down thanks to the efforts of dedicated scientists fighting for truth	https://twitter.com/QCMFunds/status/1484076009708302340
1/21/2022	Adrian Heilbut	They certainly are going to claim ignorance of everything and throw Wang under the bus. But the fake 'original' blots that Burns and Wang concocted to fool @MarinaP63 and @JuanLerma1 will be their downfall	https://twitter.com/Adrian_H/status/1484550102853160961
1/21/2022	Enea Milioris	@CUNY Get Dr Wang an Adobe Pro licence already!!! \$SAVA	https://twitter.com/DRnotaDR/status/1484497576212717572
1/21/2022	Patrick Markey	It EXPLICITLY says that fig. 9 was the ONLY one produced by Wang. All the other stuff was performed in a different lab! The study is legit, except for Wang's part, which was faked!	https://twitter.com/PatricioMarceso/status/1484574118255149058
1/21/2022	Patrick Markey	It looks like he has been doing this for decades and it always worked, nobody called him out. He probably has gotten used to faking results that are convenient or necessary. As was the case here.	https://twitter.com/PatricioMarceso/status/1484610194059448325

Date	Author	Statement	Link
1/25/2022	Jesse Brodkin	Is this the “harassment” you accuse us shorts of doing? By attacking the messenger are you conceding you have no response to the message? (The message is \$sava is a fraud 😊)	https://twitter.com/jesse_brodkin/status/1485952774227566598
1/25/2022	Jesse Brodkin	Because the company lies about their data, for starters	https://twitter.com/jesse_brodkin/status/1486130090916384769
1/27/2022	Adrian Heilbut	You guys should get Dr. Wang to do a seminar on Photoshop tips and tricks before he leaves \$SAVA	https://twitter.com/Adrian_H/status/1486917731110686720
1/27/2022	Adrian Heilbut	It was a joke about a very specific chopping action. ¹⁷ I’ve been making fun of Wang to be sure, but that is because his papers are a joke and he is a fraud. There is nothing racist about it. (Nor do I take offense at the savants calling me hell-butt, which is much less funny.)	https://twitter.com/Adrian_H/status/1486917731110686720
1/27/2022	Jesse Brodkin	I’m behind now, but when \$sava blows-up I will make up ground with my epic dunks on the sava bulls... they will be deleting accounts in fear of the flames coming their way 😊	https://twitter.com/jesse_brodkin/status/1486800587178094593
1/27/2022	Jesse Brodkin	Yes, we shall focus on the sociopaths Remi, Wang, Lindsay and the cadre of enablers that made it all possible 😡	https://twitter.com/jesse_brodkin/status/1486822024202883077
2/1/2022	Jesse Brodkin	No we don’t want gullible dupes like yourself in AD investing. It attracts fraudsters and conmen which is bad for all the companies. If you want to help AD, get out of investing and just give money to patient help groups 👍	https://twitter.com/jesse_brodkin/status/1488691104702676996

¹⁷ This is in reference to a YouTube video the tweet links to. Adrian appears to be referring to the method employed for chopping the human brain tissue used in Cassava’s research.

Date	Author	Statement	Link
2/1/2022	Patrick Markey	Right. Good point. That's why it's so incredibly important to spend money and resources only on actual, real research!	https://twitter.com/PatricioMarceso/status/1488661614727696385
2/3/2022	Adrian Heilbut	no, it's total garbage that has failed and has been recycled several times already	https://twitter.com/Adrian_H/status/1489327892756635653
2/3/2022	Adrian Heilbut	with a history of bad actors involved	https://twitter.com/Adrian_H/status/1489328329652068353
2/3/2022	Adrian Heilbut	The company wouldn't be a microcap running on fumes if most people already hadn't already long ago come to the conclusion that it's a failure (and scam) best left for dead, but for the occasional pump to dump on a new generation of suckers..	https://twitter.com/Adrian_H/status/1489363684254269442
2/3/2022	Jesse Brodtkin	Here's a thought: pay reviewers, publish less garbage and retract fraud when it's found in your journal.	https://twitter.com/jesse_brodtkin/status/1489243264498679812
2/3/2022	Jesse Brodtkin	Cherry-picked, that's why you never see the full data set and you get the funky baseline movements 😊	https://twitter.com/jesse_brodtkin/status/1489358054651011076
2/3/2022	Jesse Brodtkin	Cult stocks based on fraud tend to polarize people 🤖	https://twitter.com/jesse_brodtkin/status/1489414572826054658
2/3/2022	Jesse Brodtkin	I'm not an expert in criminal psychology. What I can tell you is self-admitted fraudster Dr Wang did not discover the cure for Alzheimer's.	https://twitter.com/jesse_brodtkin/status/1489424628254744590
2/3/2022	Patrick Markey	Thanks for asking. I would say the really negative aspect is probably that they don't have a legit product and faked their data.	https://twitter.com/PatricioMarceso/status/1489250043047526401

Date	Author	Statement	Link
2/4/2022	Jesse Brodtkin	Remi figured out it's easier to pump a stock price than get a drug approved 😬	https://twitter.com/jesse_brodtkin/status/1489552518438924291
2/4/2022	Jesse Brodtkin	With this morning's official retraction, are now at 2 self-admitted scientific frauds by \$sava lab scientist Wang. I wonder if the CUNY investigation will agree with Wang's confessions 😬	https://twitter.com/jesse_brodtkin/status/1489572551642783747
2/4/2022	Patrick Markey	Ok, sure, can't argue there. But do busy people also fake data or pretend like it's not obvious that something extremely fishy is going on when someone points to it?	https://twitter.com/PatricioMarceso/status/1489559832164188166
2/4/2022	Patrick Markey	My real name is out there. I am not hiding it. I'll admit that I perhaps have become a bit obsessed but that's mainly because this appears to be a truly egregious case of fraud!	https://twitter.com/PatricioMarceso/status/1489584239389683714
2/5/2022	Jesse Brodtkin	Wang and Remi are lying to you [accompanying GIF saying "IT'S A SCAM"]	https://twitter.com/jesse_brodtkin/status/1490118225052545024
2/6/2022	Adrian Heilbut	He fights so hard b/c they know the affinity, or lack thereof, is their Achilles heel. fM binding is provably made up of whole cloth, & as it fails it invalidates everything. No binding; no target; no drug. Fictional screens, nonsensical pharmacology, & lies in the IND and IB.	https://twitter.com/Adrian_H/status/1490506072746082305
2/7/2022	Adrian Heilbut	The class was cancelled. Maybe it's just because no CUNY students want to take a class from a fraud?	https://twitter.com/Adrian_H/status/1490762204831961093
2/7/2022	Jesse Brodtkin	I agree that he will probably be given an opportunity to "retire to spend more time with his family", but CUNY will still have to admit fraud or risk law suits and losing NIH funding.	https://twitter.com/jesse_brodtkin/status/1490749152019496964

Date	Author	Statement	Link
2/7/2022	Jesse Brodkin	I don't know if it helps or hurts, I'm just here to find the truth 😊. It shows there were questions about Wang's blinding way before any shorts were viciously bullying poor Remi into "visual errors" and "all-nighters" 🐱	https://twitter.com/jesse_brodkin/status/1490838891024117761
2/7/2022	Jesse Brodkin	And Wang agrees with me. (The images were copied and the paper should be retracted). FYI, all you need for this scam is Wang and Remi... (plus a bunch of gullible dupes, obviously)	https://twitter.com/jesse_brodkin/status/1490859894433632258
2/7/2022	Jesse Brodkin	There was too much fraud for the sec to handle on their own, they called for backup 😬	https://twitter.com/jesse_brodkin/status/1490864003194966018
2/9/2022	Jesse Brodkin	Don't forget this is a pretty serious issue as it suggests that Remi is cherry-picking OL data to produce the "amazing" cognition data (ht/ Pat)	https://twitter.com/jesse_brodkin/status/1491512209213640709
2/10/2022	Adrian Heilbut	SSAVA remains a complete scientific fraud that is going to have its rug pulled any day, and Mr. Market knows it..	https://twitter.com/Adrian_H/status/1491812124200517633
2/10/2022	Adrian Heilbut	There is no drug. It is all made up.	https://twitter.com/Adrian_H/status/1491875647551160327
2/10/2022	Patrick Markey	Thanks for asking. Doing great. You make the mistake of assuming this is mainly about money. It isn't. It's about making sure that harmful shenanigans like this don't occur as easily in the future. It should not be this easy to fool and manipulate people by committing fraud.	https://twitter.com/PatricioMarceso/status/1491769691936903168
2/10/2022	Patrick Markey	Hi, all good here. I'm happy if you are happy. I hope you enjoy your day and also that this all is a great learning opportunity for you and that you won't support fraudulent companies in the future. 🙏	https://twitter.com/PatricioMarceso/status/1491912627349565441

Date	Author	Statement	Link
		Btw.: Still looking forward to that coffee one day.	
2/10/2022	QCM	Citizen's Petition denied on purely procedural grounds. FDA takes the \$SAVA complaint very seriously. ...and may take further action	https://twitter.com/QCMFunds/status/1491810370834550791
2/11/2022	QCM	I just became a big fan of @Official_WSB reading the comments to this obvious, desperate pumping attempt by some \$SAVA bull on gbrir chat. The comments are priceless. Thanks WSB you made my day! ¹⁸	https://twitter.com/QCMFunds/status/1492061898849853440
2/12/2022	Adrian Heilbut	Because it is all made up.	https://twitter.com/Adrian_H/status/1492534733854679049
2/12/2022	Adrian Heilbut	Hey Neuroscience twitter - here's a weekend challenge: what is the most egregiously nonsensical BS paper ever published in the Journal of Neuroscience @SfNJournals? @MarinaP63 \$SAVA #neuroscience #NeuroTwitter Here's my nomination - Can you beat it?	https://twitter.com/Adrian_H/status/1492544710191333380
2/12/2022	Adrian Heilbut	It is complete, unadulterated bullshit, and made out of whole cloth, like everything else. I'm still waiting for one scientist to defend it under their actual name, or propose something more outlandish from the pages of JN. Dr. Picciotto? https://pubpeer.com/publications/80954A76304E165873FDC462B6F64B	https://twitter.com/Adrian_H/status/1492721508195700736

¹⁸ This tweet includes a link to a Reddit thread from r/wallstreetbets on \$SAVA as well as reply tweets with screenshots of posts from Reddit with inflammatory language about Cassava, e.g., "It's fine if you don't wanna hear it, but I think this company is full of sh*t..."

Date	Author	Statement	Link
2/12/2022	Patrick Markey	Ok, I see you are trying to stay objective and neutral and really believe what you are writing. Therefore I would ask you to review your understanding of the science. You seriously should consider the fact that it's all made up and they are being investigated by FDA/SEC etc.	https://twitter.com/PatricioMarceso/status/1492663429190008832
2/13/2022	Adrian Heilbut	The problem is that if he actually ran any of the experiments, nothing would work and he would not have publishable results. The only way for him to get “good” data is to make it up in Photoshop.	https://twitter.com/Adrian_H/status/1492966836174004233
2/14/2022	Adrian Heilbut	And the claim is that changes of all the different biomarkers in *placebo* are correlated. So *ERRORS* are perfectly correlated, and that is somehow supposed to be a good thing & “validate” Wang's fabrications as better? WTAF? Can someone please explain Lindsay's logic? \$SAVA	https://twitter.com/Adrian_H/status/1493231683851718670
2/14/2022	Jesse Brodtkin	It is interesting to speculate when Remi found out Wang is a fraud. One can forgive him missing some of the early obvious flags (femtomolar, a7, filamin etc...) because he is not a scientist. But at this point (post P2b fail) he knows it's a fraud and is actively involved.	https://twitter.com/jesse_brodtkin/status/1493350044787003393
2/14/2022	QCM	Ladies and gentlemen, this is egregious. This compares the analysis of \$SAVA Simufilam effectiveness when performed by an external lab (black dots) vs when performed by Wang (whose comp is tied to Cassava's stock price). Wang's version looks statistically nearly impossible	https://twitter.com/QCMFunds/status/1493270623187083264

Date	Author	Statement	Link
2/15/2022	Jesse Brodtkin	Lawrence you have missed the point entirely. When there is no effect the fact that random fluctuations across biomarkers are insanely correlated is a sign of manipulation, really really stupid and obvious manipulation. \$sava	https://twitter.com/jesse_brodtkin/status/1493625346108932099
2/15/2022	Jesse Brodtkin	A scam for idiots	https://twitter.com/jesse_brodtkin/status/1493630102806138882
2/17/2022	Jesse Brodtkin	It looks like \$sava may be doing some sketchy patient selection in their OL clinical trial... I know, it's shocking 😬	https://twitter.com/jesse_brodtkin/status/1494288600904736768
2/17/2022	Patrick Markey	Good faith question for you: Somebody is caught robbing a large sum of money from a bank. If the bank robber promises to not spend the money until it is perfectly clear that the bank can easily remain solvent, should he be allowed to keep the money and not go to jail?	https://twitter.com/PatricioMarceso/status/1494307881394520064
2/18/2022	Adrian Heilbut	NO. Forget about the financial BS. They have good lawyers, and the payout has not triggered. The science is COMPLETELY MADE UP. IT IS ALL 100% BS. Nothing is real.	https://twitter.com/Adrian_H/status/1494878043428564996
2/18/2022	Jesse Brodtkin	\$sava fans love Open Label “data”, but Remi has been hiding 2/3 of the data he has already seen. I wonder why he only shows “first 50” (hint: rhymes with berry-dicking 😊)? refs from NIH FOIA follow	https://twitter.com/jesse_brodtkin/status/1494654112603987971
2/18/2022	Jesse Brodtkin	Study protocol and enrollment updates from NIH FOIA (that's what happens when you use public money to fund your scam, Lindsay 😬)	https://twitter.com/jesse_brodtkin/status/1494654116659879936

Date	Author	Statement	Link
2/19/2022	Patrick Markey	Almost. I think it's a scam and am a bit appalled that it is taking regulatory agencies so long to act and that so many people are still defending the company. But I have learned my lesson in that those agencies apparently often can take months if not years. I was naive there.	https://twitter.com/PatricioMarceso/status/1495070571679334403
2/20/2022	Adrian Heilbut	the @US_FDA food people are a lot more on the ball than the drug people	https://twitter.com/Adrian_H/status/1495543875036975107
2/22/2022	Jesse Brodtkin	\$sava fraud Wang	https://twitter.com/jesse_brodtkin/status/1496231863865782283
2/22/2022	Adrian Heilbut	not many quite at this level, but BioCryst in the 90s is an interesting comparison but there was a whistleblower on the inside.. https://baltimoresun.com/bal-te.research24jun24-story.html ..paging Dr. Kupiec.. \$SAVA	https://twitter.com/Adrian_H/status/1496324913891844099
2/23/2022	Adrian Heilbut	Wang made up the papers. Lindsay applied for the NIH grants. Remi signed off on the SEC filings and sent the press releases. Everyone will get their day in court.	https://twitter.com/Adrian_H/status/1496370551136399361
2/25/2022	Adrian Heilbut	Because they're a bunch of deluded liars saying whatever they think a bunch of dumber deluded liars might believe.	https://twitter.com/Adrian_H/status/1497330863297552388
2/28/2022	Jesse Brodtkin	Because it's total BS, and always has been.	https://twitter.com/jesse_brodtkin/status/1498436242035335168

Date	Author	Statement	Link
3/1/2022	Adrian Heilbut	It's not odd. They won't throw him under the bus until they absolutely have to. As soon as Wang falls, all of their "science" evaporates. Only after the science collapses will SAVA turn and blame him.	https://twitter.com/Adrian_H/status/1498765213914611715
3/1/2022	Adrian Heilbut	He [Remi] knows how not to get caught breaking the rules. PS. They probably did enroll and dose a handful of patients in the P3. We do not know that what they said about that was untrue, and I don't understand why so many people obsess over that point.	https://twitter.com/Adrian_H/status/1498782062622486530
3/2/2022	Adrian Heilbut	am I? Could you remind me? I thought I was on the record saying Wang is full of it & everything about Simufilam was made up of whole cloth. Has Wang done legit research? Pre-2000? Has he done a few real expts? Sure. He needs to run Westerns to get diverse bands to Photoshop.	https://twitter.com/Adrian_H/status/1499185731960553473
3/2/2022	Jesse Brodtkin	\$sava data hiding scheme (updated from 10k). Remi has seen all the data. I wonder why he hasn't shown it to investors 🙄	https://twitter.com/jesse_brodtkin/status/1498996080763195392
3/3/2022	Adrian Heilbut	Wang can't even get it right *with* photoshop.	https://twitter.com/Adrian_H/status/1499541848309837825
3/3/2022	Adrian Heilbut	Meanwhile, NIH @NIHAging happily funds completely fraudulent science from \$SAVA.	https://twitter.com/Adrian_H/status/1499598571611594755
3/4/2022	Adrian Heilbut	because it's just another typo, also the whole thing is entirely made up	https://twitter.com/Adrian_H/status/1499920446984265734

Date	Author	Statement	Link
3/5/2022	Adrian Heilbut	Typically, a biotech is not a soup-to-nuts scientific charade. \$SAVA	https://twitter.com/Adrian_H/status/1500187694827196417
3/5/2022	Adrian Heilbut	This is about more than just one made-up, billion-dollar paper. Journal editors & reviewers are systematically refusing to do their jobs. They dump responsibility on flawed “AI” systems instead of using their eyes & common sense or reading & comprehending the science (fiction).	https://twitter.com/Adrian_H/status/1500205664848658434
3/5/2022	Adrian Heilbut	It’s also about SCIENTIFIC institutions dismissing scientific expertise, arguments & data, & making decisions based ONLY on minimizing liability, politics, laziness, & cowardice The same disease that led to government ignoring science has infected the machinery of science itself	https://twitter.com/Adrian_H/status/1500207849057697793
3/5/2022	Adrian Heilbut	It’s also about total contempt for anybody challenging the existing power structures and in-group of science. It apparently doesn’t even matter if the person raising concerns is a bona fide world expert like @MicrobiomDigest	https://twitter.com/Adrian_H/status/1500216292376260608
3/5/2022	Adrian Heilbut	What exactly are you saying? I’m not working for anyone. I have disclosed my position. I’m biased. I’m also correct.	https://twitter.com/Adrian_H/status/1500221586921689095
3/5/2022	Adrian Heilbut	Wang and \$SAVA will probably just try to blame his @CUNYNeuro postdocs and former grad students: Kuo-Chieh Lee, Zhe Pei, Amber Khan and Kalindi Bakshi Unfortunately, the common denominator in this 20-year mess is Dr. Wang himself.	https://twitter.com/Adrian_H/status/1500307538063110147

Date	Author	Statement	Link
3/6/2022	Adrian Heilbut	He [Dr. Wang] might be aware of the fraud, yet still not acknowledge to himself that his results aren't real. It's complicated. You should read about Erin Potts-Kant, Anil Potti (& Nevins), Woo Suk Hwang, Piero Anversa, Elias Alsabti, Vijay Soman (& Philip Felig) Happens regularly. \$SAVA	https://twitter.com/Adrian_H/status/1500586677097701377
3/6/2022	Adrian Heilbut	And in every case, they deny, deny, deny for YEARS before it blows up and the truth comes out. And the denials and attempts at cover-ups by the senior people only increase the ultimate damage.	https://twitter.com/Adrian_H/status/1500588636609425412
3/6/2022	Adrian Heilbut	This [simufilam] is never going to get approved, because there is no there there and there is a limit to what can be made up, but that is years out and not the battle being fought.	https://twitter.com/Adrian_H/status/1500692453371879425
3/8/2022	Adrian Heilbut	Do the individuals on the Editorial Board of a journal share responsibility for the content of the journal? Should they pay attention & care when their journal publishes completely fabricated nonsense? https://journals.elsevier.com/neurobiology-of-aging/editorial-board Asking for a friend. @MicrobiomDigest \$SAVA	https://twitter.com/Adrian_H/status/1501180828272975872
3/8/2022	Adrian Heilbut	Here's the problem, in case you STILL don't get it: in the paper, Wang and \$SAVA were claiming that the pairs of images were derived from DIFFERENT MICE that had undergone DIFFERENT TREATMENTS, sacrificed four months apart. In other words: they are LIARS, and it is ALL MADE UP	https://twitter.com/Adrian_H/status/1501364496132104192

Date	Author	Statement	Link
3/8/2022	Adrian Heilbut	<p>This paper is CENTRAL to Simufilam and was included in the IND and the ph2 and ph3 investigator brochure. The image duplications are just the tip of the iceberg; almost every experiment in the paper has clear evidence of fabrication.</p> <p>This paper WILL go down, and with it, \$SAVA</p>	https://twitter.com/Adrian_H/status/1501366846158786563
3/8/2022	Adrian Heilbut	<p>I'm sure that members of their Editorial board and other senior scientists are ready to step up to the plate and call out scientific misconduct, right?</p> <p>https://journals.elsevier.com/neurobiology-of-aging/editorial-board</p> <p>@KarlHerrup @markrcookson1 @GiovanniFrisoni @bush_professor @FrankLaFerla @Pasing01 @NIHAging @IRPatNIH</p>	https://twitter.com/Adrian_H/status/1501369724625686534
3/8/2022	Adrian Heilbut	<p>I think \$SAVA is going to be one of those once-in-a-decade scandals that results in congressional investigations and new laws</p> <p>@HollyLynchez @SteveJoffe @MichelleNMeyer @pzettler @GovindPersad @lietzan</p>	https://twitter.com/Adrian_H/status/1501395842632237060
3/8/2022	Adrian Heilbut	<p>Another BEAUTIFUL analysis by Gonaxis quadrilateralis on Pubpeer to quantify the painfully obvious image duplication in Wang 2017, first noted by @MicrobiomDigest and @PSBROOKES</p> <p>Sometimes a picture is worth a thousand words. \$SAVA</p> <p>https://pubpeer.com/publications/80DD10169D3C375C5828BC2711A49B</p> <p>cc: @KarlHerrup</p> <p>Here's the problem, in case you STILL don't get it: in the paper, Wang and \$SAVA were claiming that the pairs of images were</p>	https://twitter.com/Adrian_H/status/1501366846158786563

Date	Author	Statement	Link
		<p>derived from DIFFERENT MICE that had undergone DIFFERENT TREATMENTS, sacrificed four months apart.</p> <p>In other words: they are LIARS, and it is ALL MADE UP</p> <p>This paper is CENTRAL to Simufilam and was included in the IND and the ph2 and ph3 investigator brochure. The image duplications are just the tip of the iceberg; almost every experiment in the paper has clear evidence of fabrication.</p> <p>This paper WILL go down, and with it, \$SAVA</p>	
3/8/2022	Adrian Heilbut	<p>I think \$SAVA is going to be one of those once-in-a-decade scandals that results in congressional investigations and new laws</p> <p>@HollyLynchez @SteveJoffe @MichelleNMeyer @pzettler @GovindPersad @lietzan</p>	https://twitter.com/Adrian_H/status/1501395842632237060
3/9/2022	Adrian Heilbut	<p>This isn't the kind of error (like simply swapping panels) that someone could make accidentally. And it happened at least twice; these pairs are just the ones where they were sloppy enough to be caught.</p> <p>What it shows is THEY DID NOT DO THE EXPERIMENT THEY SAID, AND ARE LIARS.</p>	https://twitter.com/Adrian_H/status/1501611252417708035
3/9/2022	Adrian Heilbut	<p>Wang and Burns are the greatest scientific partnership since Pinky and the Brain. \$SAVA</p>	https://twitter.com/Adrian_H/status/1501639140676411396
3/9/2022	Jesse Brodtkin	<p>😬 CUNY will find that Wang's entire career littered with fraud or risk all future NIH funding for the university. Soon.</p>	https://twitter.com/jesse_brodtkin/status/1501616769206824960
3/9/2022	Jesse Brodtkin	<p>Two lying hucksters teamed up to scam some morons is a lot more believable than some mediocre scientist stumbled upon the find of</p>	https://twitter.com/jesse_brodtkin/status/1501620672002506756

Date	Author	Statement	Link
		the century and garnered zero interest from the scientific community or pharma.	
3/9/2022	Jesse Brodtkin	You have it backwards. As soon as a major discovery is made there is a rush of curious (and skeptical) scientists to replicate and extend the finding. Business-wise, pharma is famous for piling on with me-too drugs. This scam is so silly pros don't even want to stoop to discuss.	https://twitter.com/jesse_brodtkin/status/1501625066009899017
3/9/2022	Jesse Brodtkin	Wang admitted he submits fraudulent work last month (self-retracted a paper based on his contribution). This exact (FLNA) same "discovery" 13 hrs ago claimed to block morphine tolerance... how'd that work out? You guys are dupes round 2. doi:10.1371/journal.pone.0004282	https://twitter.com/jesse_brodtkin/status/1501631952075567117
3/9/2022	Jesse Brodtkin	That "little rumor" is called a stock pump, was executed by Remi and motivated by the unique compensation scheme he set up. This is not mastermind stuff 🤔	https://twitter.com/jesse_brodtkin/status/1501632595297288193
3/9/2022	Jesse Brodtkin	It's totally rational if your plan is to pump the stock price on the way to ultimately failing to make a drug (like he did with Pain Therapeutics). What is crazy is to hold the stock once you know this 🤖	https://twitter.com/jesse_brodtkin/status/1501642078517874688
3/9/2022	Jesse Brodtkin	Remi has never made money he's only spent and pocketed investor's money \$sava will be no exception.	https://twitter.com/jesse_brodtkin/status/1501647879252938757
3/9/2022	Jesse Brodtkin	Is rotate, alter contrast and stretch merely sloppy or is that evidence of intent to deceive?	https://twitter.com/jesse_brodtkin/status/1501650675578646532

Date	Author	Statement	Link
3/10/2022	Adrian Heilbut	you want to talk about research ethics, have a look at this lovely experiment, all done in the service of setting up Dr, Wang to fabricate biochemistry experiments @GradCenterBio @CUNYNeuro @HamiltonCollege \$SAVA https://pubpeer.com/publications/DBE94DCFD3B1DFA8DA0D3337C4AD35	https://twitter.com/Adrian_H/status/1501970516604825603
3/10/2022	Adrian Heilbut	Many in vivo experiments absolutely need to be done and are the only way to study disease and expand biological knowledge, but Wang's fabrications and biological fantasies are an insult to the rats that they literally tortured here. @peta @PCRM	https://twitter.com/Adrian_H/status/1501974999204253699
3/11/2022	Adrian Heilbut	that would require doing actual R&D easier to just have Wang make something up	https://twitter.com/Adrian_H/status/1502339476529549323
3/12/2022	Adrian Heilbut	the Potti history is worth a re-read, as we wait for CUNY to come clean \$SAVA @hoauyanwang @lindsaybbar	https://twitter.com/Adrian_H/status/1502828180188835843
3/13/2022	Adrian Heilbut	does anyone in the @CUNYNeuro @GradCenterBio @Gcsciences @CUNYResearch @asrc_gc administration care about their reputation? @Elikhtik @orieshafer @susana_mingote @MaralTajerian @pinarayata	https://twitter.com/Adrian_H/status/1503059524957134850
3/13/2022	Adrian Heilbut	Remember though, this is ultimately about putting an imaginary drug into real Alzheimer's patients, as well as potential securities fraud. It is not just about some old western blots in papers nobody ever read.	https://twitter.com/Adrian_H/status/1503096923342921730

Date	Author	Statement	Link
3/13/2022	Adrian Heilbut	Ultimately it doesn't matter because this is not something that will be decided by public opinion (nor should it be). People do enjoy reading about grifters and cons after the facts come out.. but I'm not holding my breath for a @nypost story about western blots	https://twitter.com/Adrian_H/status/1503107246988967938
3/13/2022	Adrian Heilbut	Anyone still working for Remi or Wang at this point is either complicit, delusional, or stupid. People making comments based on a New Yorker article are one thing, but those working on the inside are a different story.	https://twitter.com/Adrian_H/status/1503111496225759248
3/13/2022	Adrian Heilbut	Almost everyone at \$SAVA is "management" — they have almost no operational people just doing work. The CROs working for them have plausible deniability, but it is not going to be a great look when it blows up. As for Wang's lab, anyone left should know better and is complicit.	https://twitter.com/Adrian_H/status/1503124018274222090
3/14/2022	QCM	Amazed this company is still around	https://twitter.com/QCMFunds/status/1503425160321417223
3/15/2022	Adrian Heilbut	People can debate methods & adequacy of controls, or if specific fabricated figures are essential to the main findings of the report. But when the key conclusions of the paper are self-contradictory, there will be no more weaseling or faking originals. Reductio ad absurdum. \$SAVA	https://twitter.com/Adrian_H/status/1503920351297814528
3/15/2022	Jesse Brodtkin	WTF Adrian, are you suggesting Wang faked foundational experiments with a basic misunderstanding of pharmacology and nobody at \$sava or any of the peer reviewers or journal editors picked up on this for the last 5 years?! 🤡	https://twitter.com/jesse_brodtkin/status/1503798922195746818

Date	Author	Statement	Link
3/16/2022	Patrick Markey	Clinical fraud is a very serious offense, even if those committing it tell themselves they aren't hurting anyone, so they can sleep at night. In truth they're actively obstructing finding a cure and ultimately making the situation worse for everyone suffering from the disease!!!	https://twitter.com/PatricioMarceso/status/1504105509103747073
3/16/2022	Adrian Heilbut	They tried several times to get their latest fabricated 2b pre-print published, but it appears that reviewers finally wised up and Lindsay has given up, and it has been languishing on researchsquare for a year.	https://twitter.com/Adrian_H/status/1503984675433459712
3/16/2022	Adrian Heilbut	the waste thing was a bit of a joke. We already know they could not have done the experiment they claimed based on the reaction volumes. They made up the data, and put CPM numbers that aren't consistent with 3H. They're still going to keep claiming it was a typo or something.	https://twitter.com/Adrian_H/status/1504286723701977090
3/16/2022	Adrian Heilbut	curiously, Wang did a better job in his original paper claiming Naloxone binding to FLNA.. the counts for radioligand binding experiments there are in the ballpark of reality. (He was either more careful about making things up or measuring something else)	https://twitter.com/Adrian_H/status/1504287916356476930
3/16/2022	Adrian Heilbut	nice to know that you care about whether any of the "science" is real or whether they are putting a fake drug into patients	https://twitter.com/Adrian_H/status/1504301095170068482
3/17/2022	Jesse Brodtkin	"We" are some Twitter friends that have been trying to expose Cassava and Wang as frauds. You can be one too 😊. All you have	https://twitter.com/jesse_brodtkin/status/1504481360504786945

Date	Author	Statement	Link
		to do is tweet some new observation about sava fraud and you are in the club 😎	
3/22/2022	Jesse Brodtkin	first of many dominoes to fall on \$sava mountain of fraud... CUNY ruling right around the corner 😊	https://twitter.com/jesse_brodtkin/status/1506341780782034952
3/22/2022	Jesse Brodtkin	I mean that's a lot of "errors" to make without intending to 😬.... Maybe they were *just* "visual errors", typos, fatigue and accidents...but given \$sava prior pattern of behavior I find that highly unlikely 😞	https://twitter.com/jesse_brodtkin/status/1506344518769156098
3/22/2022	Adrian Heilbut	Problem is if you cannot trust the pharmacology or efficacy data they have generated, how can you trust what they reported about safety?	https://twitter.com/Adrian_H/status/1506363272387342337
3/22/2022	Adrian Heilbut	Is there any practical approach to request patent re-examination for a case of fraud, rather than prior art or interference?	https://twitter.com/Adrian_H/status/1506378844697210890
3/22/2022	Adrian Heilbut	Wang is indeed sort of brilliant and there is a certain consistency in his fantasies over the last 20 years. And Lindsay is a very good writer and editor who knows exactly how things need to sound to get past reviewers.	https://twitter.com/Adrian_H/status/1506380213181202442
3/22/2022	Adrian Heilbut	If someone writes a paper (many papers) which contain "errors" or fabrications in every figure, you can no longer believe anything in the paper. You know that they are incompetent, lying to you or both. Incompetent liars are not allowed to put drugs into humans. Full stop.	https://twitter.com/Adrian_H/status/1506382855844372486

Date	Author	Statement	Link
3/22/2022	Adrian Heilbut	We have explained in great detail the specific reasons that Simufilam does not and cannot work, and why we know the evidence that it “might work” was made up by Wang and \$SAVA https://cassavafraud.com/docs/SAVARReport_Deck_2021_11_03.pdf https://cassavafraud.com/docs/SAVARReport_Nov2_Final_links.pdf	https://twitter.com/Adrian_H/status/1506383324402655236
3/22/2022	Adrian Heilbut	The most palatable way for CUNY to protect CUNY here is for CUNY to come clean and clean house ASAP. Just saying..	https://twitter.com/Adrian_H/status/1506410243126927360
3/24/2022	Enea Milioris	\$SAVA bonus structure *was* entirely about stock price and nothing to do with clinical milestones and Seth here is moralising about helping patients	https://twitter.com/DRnotaDR/status/1506870230882177026
3/24/2022	Patrick Markey	Ha, I would have said that you’re certainly a virgin, but that’s not true, you are being f***ed regularly by your favorite company.	https://twitter.com/PatricioMarceso/status/1507056360176955412
3/24/2022	Adrian Heilbut	For those interested, here are all 500 pages of a FOIL response from CUNY / CCNY about \$SAVA and Dr. Wang There will be no secrets in the end, nor will there be any more misinformation based on selective cut-and-paste (though that is Wang’s specialty..) https://cassavafraud.com/docs/FOIA/1_CUNY_Revised_FOIL_Request_with_Redactions.pdf	https://twitter.com/Adrian_H/status/1507031262606856201
3/24/2022	Adrian Heilbut	At your service. Here’s the \$SAVA Ph3 Investigator’s Brochure, showing how the clinical charade critically depends on results from flawed and made-up papers that now have editorial Expressions of Concern hanging over them.	https://twitter.com/Adrian_H/status/1507096496361115652

Date	Author	Statement	Link
3/29/2022	Jesse Brodtkin	Looks like \$sava has canceled their fireside chat with bottom-feeding Maxim group 🤔... if Remi can't handle softballs from corporate fluffers I wonder how he'll hold up on the stand 🤔	https://twitter.com/jesse_brodtkin/status/1508839020301848583
3/29/2022	Jesse Brodtkin	\$sava is too sketchy for Maxim 🤔 yeesh, that's bad 🤔	https://twitter.com/jesse_brodtkin/status/1508964284134567941
3/29/2022	Jesse Brodtkin	Sharing a lineup with a MC<\$100m panel is too much pressure for \$sava because Remi can't answer a single question without further incriminating himself 🤔	https://twitter.com/jesse_brodtkin/status/1508968128969158673
3/30/2022	Adrian Heilbut	BOOM! This paper was Wang's original sin underlying ALL of the \$SAVA nonsense -- the claim that Naloxone binds to Filamin-A. It is bogus, and now retracted. IT IS ALL MADE UP. THEIR DRUG DOES NOT BIND A TARGET AND COULD NOT HAVE BEEN DISCOVERED AS DESCRIBED IN THEIR PATENTS.	https://twitter.com/Adrian_H/status/1509241303732731905
3/30/2022	Adrian Heilbut	and Wang / Burns \$SAVA were caught red-handed sending more faked "original" blot images to @PLOSONE, just like they initially bamboozled @SfNJournals @MarinaP63 and @JuanLerma1 @ELSneuroscience	https://twitter.com/Adrian_H/status/1509244697444814851
3/30/2022	Adrian Heilbut	This is the beginning of the end for \$SAVA. It is going to be much easier for @CUNYResearch @GC_CUNY @CUNY as well as the other more cowardly journals to take appropriate action now, and all will be revealed.	https://twitter.com/Adrian_H/status/1509249134016016384

Date	Author	Statement	Link
3/30/2022	Adrian Heilbut	Arthur, it is all made up. From mechanism to biomarkers to cherry-picked cognitive nonsense from the sketchiest “clinic” in South Florida. Keep fooling yourselves, but this is the beginning of the end.	https://twitter.com/Adrian_H/status/1509305012320624641
3/30/2022	Adrian Heilbut	Hey Arthur - I know you're a science expert now, but I have a legal question for you. Suppose somebody made up data, sent it to a journal, then halted the stock & sent out a press release, and the stock briefly doubled. Do you think there might be a securities fraud case there?	https://twitter.com/Adrian_H/status/1509325669217484800
3/30/2022	Enea Milioris	\$SAVA foundational paper is Good thing they didn't rely on it for clinical trials and NIH grants	https://twitter.com/DRnotaDR/status/1509252438716473354
3/30/2022	Jesse Brodtkin	See @MarinaP63 @JuanLerma1 it's not that hard to do the right thing.. and you don't end up looking like a silly dupe either.	https://twitter.com/jesse_brodtkin/status/1509251261509611521
3/31/2022	Jesse Brodtkin	Just FTR, in “explaining” a rotated and duplicated image they say they made TWO errors; the first image was wrong, second was rotated 🤔 So in first submission they “accidentally” copied, rotated and pasted the wrong image... 🤔.. and @ELNeuroscience believed this 🤔 WOW	https://twitter.com/jesse_brodtkin/status/1509584029745651729
3/31/2022	Jesse Brodtkin	But there were absolutely no “accidental” errors in any of the calculations and the data is completely unchanged 🤔 sure guys 🤔	https://twitter.com/jesse_brodtkin/status/1509585427199578129
4/2/2022	Patrick Markey	Go ahead, try it out & play around with an imaging software of your choice. You could easily find out that what I'm saying is true, but you are afraid of the truth! You'd have to acknowledge you have been advertising fraud all along, and you can't find it in yourself to do that.	https://twitter.com/PatricioMarcoso/status/1510439479047331842

Date	Author	Statement	Link
4/2/2022	Adrian Heilbut	The study is nonsense, the biochemistry is 100% made up, & the investigators have proven, in black & white on paper, that they are completely dishonest, unapologetic liars. And one casts aspersions, not dispersions. The only thing being dispersed around here is Wang's bullshit.	https://twitter.com/Adrian_H/status/1510349774834348035
4/2/2022	Adrian Heilbut	Please read the pubpeer comments. The science is wrong. Several of the experiments described are *impossible* and make no sense. In fact, the paper is not even wrong; it is fiction. It is not science, and the authors are not acting as scientists \$SAVA	https://twitter.com/Adrian_H/status/1510351351536046084
4/2/2022	Adrian Heilbut	Read between the lines, Sean. Dr. Bik looks at a LOT of papers, Sean, and she wisely abstains from making specific accusations about everyone's motives. But in this particular case, plenty of others have seen enough to call it out as the fraud and scientific misconduct it is.	https://twitter.com/Adrian_H/status/1510355158726848518
4/2/2022	Adrian Heilbut	Peril is what scientists may find themselves in when they are caught red-handed fabricating data and lying about it, especially when they are heads of departments or when they got federal funding to do their "research"	https://twitter.com/Adrian_H/status/1510360345034072064
4/2/2022	Adrian Heilbut	No, most scientists are not serial fraudsters. Wang is.	https://twitter.com/Adrian_H/status/1510369544921047043
4/4/2022	Jesse Brodtkin	The 2 Wang and Burns (SVP \$sava) retractions have a curious note saying Wang still stands by the findings, but not one for Burns 😏 Maybe Burns' lawyers have SEC considerations that Wang's do not 🙄	https://twitter.com/jesse_brodtkin/status/1510957462559637509

Date	Author	Statement	Link
4/4/2022	Jesse Brodtkin	Someone help me out; does this look like a copy-paste with intention to deceive? @lindsaybbar @MarinaP63 @JuanLerma1(h/t @hoauyanwang \$sava)	https://twitter.com/jesse_brodtkin/status/1511082484892676103
4/5/2022	Jesse Brodtkin	\$sava fireside: “it’s too soon to talk about SavaDX milestones”, but last year we were told clinical validation study coming 2021. Similar story with a “non-dilutive deal”... speaks to Remi’s pattern of misleading investors.. ofc still clinging the BIG LIE of Simufilam	https://twitter.com/jesse_brodtkin/status/1511358877241118721
4/5/2022	QCM	\$\$AVA CEO not mentioning recent critical papers retractions by Wang during the fireside talk ¹⁹	https://twitter.com/QCMFunds/status/1511339049096822788
4/6/2022	Jesse Brodtkin	They will wait for the CUNY internal investigation to complete, then review and do their own, then issue administrative actions, up to and including lifetime	https://twitter.com/jesse_brodtkin/status/1511693248842158090
4/7/2022	Jesse Brodtkin	Looks like Remi done let the cat out of the bag in his Fireside. \$sava CEO admits Cherry-picked OL data may not be “valid” or “accurate” 🤔... maybe his lawyers are finally exerting some influence.	https://twitter.com/jesse_brodtkin/status/1512039586691756040
4/7/2022	Jesse Brodtkin	\$sava has been living on pumppy selective releases of OL data for 18 months. But ever since SEC, NIH and FDA scrutiny Remi has grown bashful. Odd 🤔 considering we know from the OL protocol he’s got the “data”	https://twitter.com/jesse_brodtkin/status/1512092792885067777
4/7/2022	Jesse Brodtkin	If you are still gullible enough to be in \$sava, here is a graph to help you estimate when they will have all their sites “recruiting”... mind	https://twitter.com/jesse_brodtkin/status/1512101034247741443

¹⁹ This tweet includes a GIF that says, “FEEL LIKE THERE’S AN ELEPHANT IN THE ROOM.”

Date	Author	Statement	Link
		you they may be “paused” (which would explain “lumpy” 60 enrollment only .25 enrolled per site per month 🙄)	
4/7/2022	Jesse Brodtkin	If I was not a fraud; I would be out every day defending my work, replicating my experiments and answering all comers. If I had been lying for 20 years; I would stay quiet, hide at home and retire as part of a negotiation with CUNY.	https://twitter.com/jesse_brodtkin/status/1512187504920780809
4/7/2022	Patrick Markey	Hey, Vegan, you are confusing a tiny mishap with faking data for over 20 years, in more than 30 publications and thereby likely committing securities fraud and insider trading. So, yes, a “little slap on the wrist” would be completely inappropriate!!! Are you really this naive?	https://twitter.com/PatricioMarceso/status/1512192575431749641
4/8/2022	Adrian Heilbut	Anyone have any guesses about why the City University of New York @CUNY might have needed to retain Arnold & Porter starting last year? The timing is curious. \$SAVA @adamfeuerstein @joewalkerWSJ @davidamichaels	https://twitter.com/Adrian_H/status/1512524557172850693
4/8/2022	Adrian Heilbut	CUNY has fired people and settled with the government for much less than is at stake with Dr. Wang and \$SAVA	https://twitter.com/Adrian_H/status/1512600260186628098
4/8/2022	Adrian Heilbut	This is what happened the last time a CUNY professor was the target of a DOJ investigation. \$SAVA https://nytimes.com/2018/05/31/nyregion/medgar-evers-college-certificates.html	https://twitter.com/Adrian_H/status/1512621445406511111
4/8/2022	Adrian Heilbut	Ultimately, even their incompetent board are not going to incinerate \$200m to preserve Lindsay’s pride.	https://twitter.com/Adrian_H/status/1512644689077358594

Date	Author	Statement	Link
4/9/2022	Jesse Brodtkin	Like all things \$sava, the SAB saga: 1. It was never legit 2. Called-out 3. Sava “fixes” 4. Even that is a lie	https://twitter.com/jesse_brodtkin/status/1512740862861664256
4/9/2022	Jesse Brodtkin	\$sava not having a 9mo interim readout with effect sizes like this (and statistical significance with N=50) is practically medical and definitely statistical malpractice (unless they know it’s BS 😊)	https://twitter.com/jesse_brodtkin/status/1512815021436411904
4/9/2022	Jesse Brodtkin	I’m guessing they sold their names, but now that it’s obviously a scam the cost to their reputations (what’s left of them) is too high and they want out. Never Forget the \$sava SAB ⚡	https://twitter.com/jesse_brodtkin/status/1512823295057485830
4/9/2022	Jesse Brodtkin	Hunting corporate fraudsters got me distracted 😊	https://twitter.com/jesse_brodtkin/status/1512888044654845965
4/13/2022	Adrian Heilbut	Dr. Wang is a wizard with Adobe Illustrator too.	https://twitter.com/Adrian_H/status/1514254687209467910
4/18/2020	Adrian Heilbut	this article is excellent, but \$SAVA is even worse than it seems and this is just the start.. see http://cassavafraud.com for all the sordid details	https://twitter.com/Adrian_H/status/1516209410544214020
4/18/2022	Adrian Heilbut	but multi-decade scientific frauds and completely fabricated data in IND submissions to the FDA are much less common, and that is what this is	https://twitter.com/Adrian_H/status/1516212420926132230

Date	Author	Statement	Link
4/18/2022	Adrian Heilbut	Remi has kept up the charade for 22 years.	https://twitter.com/Adrian_H/status/1516254200363204608
4/18/2022	Jesse Brodtkin	Well the New York Times has (finally) taken on the colossal \$sava fraud story 👍 Chapter 1:	https://twitter.com/jesse_brodtkin/status/1516229157549912064
4/18/2022	Jesse Brodtkin	They could have hit the moral evil of the \$sava story a little harder, how manipulative this fraud is of vulnerable patients, how terrible this is for investment in AD research and how this casts doubt on future Alzheimer's findings, good start NYT, but pick up your game for CH2	https://twitter.com/jesse_brodtkin/status/1516232639799123968
4/18/2022	Jesse Brodtkin	Thanks @apoorva_nyc for bringing this important story to your readers. I hope you will stick with this and highlight the victims and the societal harm this company is causing as you follow up.	https://twitter.com/jesse_brodtkin/status/1516234315566252035
4/19/2022	Adrian Heilbut	also ignores broader 20-year scientific fraud at CUNY involving many collaborators, lack of CUNY oversight, crazy IP policy, SAB enablers, CUNY inaction, coming False Claims cases, FDA IND evaluation fail, NIH review fail, journal & University coverups, and securities fraud \$SAVA	https://twitter.com/Adrian_H/status/1516374076633268230
4/19/2022	Adrian Heilbut	Unfortunately, CUNY actually has not yet taken Wang away from his lab or Photoshop	https://twitter.com/Adrian_H/status/1516415738961178642
4/19/2022	Adrian Heilbut	@CUNY @CUNYNeuro @GradCenterBio @CityCollegeNY @CUNYResearch @GC_CUNY @ChancellorCUNY @EDNYnews @CunyMedicine	https://twitter.com/Adrian_H/status/1516428977514201090

Date	Author	Statement	Link
		Do you have anything to say about Dr. Wang's long (and ongoing) scientific fraud at CUNY and \$SAVA? How can you stay silent? @MelissaKleinNYP @TamarLapin @cayla_bam	
4/19/2022	Adrian Heilbut	Is CUNY really only willing to curtail scientific misconduct on its campuses when its hand is forced by the Justice Department?	https://twitter.com/Adrian_H/status/1516430057132208130
4/19/2022	Adrian Heilbut	same with Wang. He is crazy and crooked and sloppy, but no fool.	https://twitter.com/Adrian_H/status/1516487342072205315
4/19/2022	Adrian Heilbut	it is all premeditated, but he still got sloppy with photoshop	https://twitter.com/Adrian_H/status/1516491651295985668
4/19/2022	Adrian Heilbut	All of Wang's BINDING data (and it is still BINDING, and was described as such, whether there are more than two reactants, or one of them changes conformation) was completely made up. Basic kinetics and thermodynamics still apply, and there is no magic here, only lies and liars.	https://twitter.com/Adrian_H/status/1516526225602367491
4/19/2022	Adrian Heilbut	It's not just unverified preclinical data -- though not everyone wants to say it yet, in this instance, it was almost entirely made up. The data submitted in support of an IND to do clinical trials is supposed to be carefully scrutinized by FDA, but they missed all the problems.	https://twitter.com/Adrian_H/status/1516534756703457282
4/19/2022	Adrian Heilbut	No, because examining their papers led me to believe their data and MoA was entirely made up.	https://twitter.com/Adrian_H/status/1516547237618360320
4/19/2022	Jesse Brodtkin	This was \$sava and accompanied by a stock halt... I think I could get a jury to convict on market manipulation (with intent)...maybe	https://twitter.com/jesse_brodtkin/status/1516472024767422464

Date	Author	Statement	Link
		not a slam-dunk, but close enough to force Remi into a deal with jail time 😊	
4/19/2022	Jesse Brodtkin	Yes there is a misconduct investigation of \$sava Wang (cc: @apoorva_nyc) and it looks like the CUNY scientists think there is good reason to find fraud... let's see if the "leaders" at @CUNY can figure this one out 😊	https://twitter.com/jesse_brodtkin/status/1516566336666619905
4/19/2022	Jesse Brodtkin	You haven't argued anything. All our points are uncontested by either you or \$sava, it's pathetic.	https://twitter.com/jesse_brodtkin/status/1516584760079896580
4/19/2022	QCM	Glad this story is finally getting the attention it deserves. Patients may have been suffering needlessly, public money may have been wasted and we then the usual mockery of the capital markets by bad actors. But you can't fool everyone all the time... ²⁰	https://twitter.com/QCMFunds/status/1516280583781036032
4/20/2022	Jesse Brodtkin	What's past is prologue: a nice summary of the \$sava crime family's earlier shenanigans as PTI and the trial and settlement that resulted. Remi hasn't changed a bit.	https://twitter.com/jesse_brodtkin/status/1516982949396197376
4/21/2022	QCM	Unfortunately, @CUNY's seeming reluctance to swiftly and transparently put an end to the \$SAVA affair makes me fear that there might well be an element of collusion or perhaps an attempt to cover up	https://twitter.com/QCMFunds/status/1517045131844726784
4/21/2022	Adrian Heilbut	all the binding data was made up	https://twitter.com/Adrian_H/status/1517198081107898368

²⁰ This tweet links to an NYT article titled, "Scientists Question Data Behind An Experimental Alzheimer's Drug."

Date	Author	Statement	Link
4/21/2022	Adrian Heilbut	No, Arthur, Wang made everything up.	https://twitter.com/Adrian_H/status/1517200526831673345
4/21/2022	Adrian Heilbut	The fact that editors, reviewers, and the FDA failed to do their jobs in the past does not make Wang's made up results real. It will all be retracted eventually.	https://twitter.com/Adrian_H/status/1517235370798329857
4/21/2022	Adrian Heilbut	Hi @maitejuncoNYC - does @CUNY have any comment on any of this Wang / \$SAVA business yet? also, if you see Mr. Davis, please say hi for me and ask him to check his email	https://twitter.com/Adrian_H/status/1517246402987974656
4/22/2022	Adrian Heilbut	ITC is not very tricky at all; that was the beauty. The 2b biomarker question is a good one, and I can only speculate. Perhaps some of the people who decided to send samples to Lund were not aware of the fraud at the time? The original plan was to have Wang do the analysis..	https://twitter.com/Adrian_H/status/1517470683885936640
4/22/2022	Adrian Heilbut	Check the trial protocol, Arthur. They originally wanted to send the samples to Wang. There was certainly a lot of delusion, and still is.	https://twitter.com/Adrian_H/status/1517478000824135682
4/22/2022	Adrian Heilbut	No, it shows someone realized how inappropriate it was for Wang to do it, and \$SAVA's hand was forced, because nobody could say out loud "but it is a fraud, guys, and will only work if Wang does it" What did Lindsay, Remi, and Friedmann know, and when did they know it?	https://twitter.com/Adrian_H/status/1517480871544213507

Date	Author	Statement	Link
4/22/2022	Adrian Heilbut	I think their man Hoau-Yan “Photoshop” Wang is too busy fielding inquiries from the Feds and no longer available to run more ELISAs or photoshop Western blots, so \$SAVA are up a creek without a paddle.	https://twitter.com/Adrian_H/status/1517522433649090561
4/22/2022	Jesse Brodtkin	Either: One calculation error+ One calibration error+ One concentration error+ Backwards thermodynamics + 2 extra binding sites+ The most fantastic serendipitous finding in medical history OR One more lie from an admitted liar 😬 tough choice	https://twitter.com/jesse_brodtkin/status/1517667962248781824
4/22/2022	Jesse Brodtkin	👍 That is a defensible argument, but only if they admit to the lies of last decade. I would agree to let the trial continue if the fraud is punished and the incentive to commit further fraud is removed (i.e. Remi and Wang are removed from \$sava and cooperate with authorities)	https://twitter.com/jesse_brodtkin/status/1517673038107480066
4/23/2022	Adrian Heilbut	It is not acceptable to file an IND with fabricated data, and FDA needs to (and will) eventually make that clear, as will the SEC. Even if the investigational drug may be a harmless placebo.	https://twitter.com/Adrian_H/status/1517857926601494528

Date	Author	Statement	Link
4/23/2022	Jesse Brodtkin	How about the steadily growing body of evidence that \$sava and Wang do a lot of lying (or make a lot of “mistakes”), does that effect your assessment?	https://twitter.com/jesse_brodtkin/status/1517940911086309376
4/23/2022	Jesse Brodtkin	The hole in our case is if Remi is not lying about the OL data. In that case, we have witnessed the most remarkable event in human history of a bunch of lying nitwits stumbling upon the cure for AD simply by random chance and in spite of their best efforts to appear incompetent.	https://twitter.com/jesse_brodtkin/status/1517945446911471616
4/23/2022	Jesse Brodtkin	However Remi’s behavior since being publicly questioned suggests he was simply lying and not amazingly lucky. That liars are far more common than once-in-a-lifetime serendipitous discoveries also suggests \$sava is going to cash-liabilities <\$0	https://twitter.com/jesse_brodtkin/status/1517946628379856896
4/24/2022	Jesse Brodtkin	Cleaning out fraudsters from public funding and investing leaves more for legitimate research and ultimately helps our chances of developing effective therapies.	https://twitter.com/jesse_brodtkin/status/1518360148170969091
4/25/2022	Adrian Heilbut	The research misconduct on NIH grants (which is what CUNY is going to be most concerned with) was going on long, long before Pei arrived on the scene. It's all on Wang. Pei might as well save herself and cooperate.	https://twitter.com/Adrian_H/status/1518656607202250753
4/25/2022	Jesse Brodtkin	Also, two of these flagged grants were from \$sava to work on their P2b clinical trail. Specifically the SavaDX and CSF biomarker work. Both efforts were determined to warrant a scientific misconduct investigation. FDA can’t be happy about fraudulent work done in human subjects	https://twitter.com/jesse_brodtkin/status/1518615410593128448

Date	Author	Statement	Link
4/25/2022	Jesse Brodtkin	It's not nit-picking, it's establishing a 20 year pattern of lying that informs how one might evaluate \$sava current claims.	https://twitter.com/jesse_brodtkin/status/1518667774805135360
4/26/2022	Jesse Brodtkin	Yeah so in his castigation of the NYT, Remi chides reporter for not checking her facts on UCSF involvement in Trials... problem is they AREN'T 🤔🤔🤔... Maybe check YOUR facts first Remi you sloppy liar \$sava	https://twitter.com/jesse_brodtkin/status/1519082195691921408
4/26/2022	Jesse Brodtkin	The only companies with a "similar MOA" to \$sava are Theranos, WeWork and Bernie Madoff 🤔	https://twitter.com/jesse_brodtkin/status/1519109102592536576
4/26/2022	Jesse Brodtkin	I'm going with the simplest most obvious explanation based on months of experience with Remi and that is that he's an incorrigible liar. How's that big Deal coming along?	https://twitter.com/jesse_brodtkin/status/1519113238784483328
4/26/2022	QCM	As the saying goes: "rats" leaving the sinking ship?	https://twitter.com/QCMFunds/status/1519060368982745095
4/27/2022	Adrian Heilbut	It's going to be hard after they put Wang's gel boxes into the evidence locker.	https://twitter.com/Adrian_H/status/1519424933662756865
4/27/2022	Enea Milioris	The question is why didn't JnJ buy \$SAVA at low 100Ms when Bredt saw the "confidential data" - instead they set up a web of evil short-sellers to tank it?? Premium tinfoil content right here	https://twitter.com/DRnotaDR/status/1519273728735068162
4/27/2022	Jesse Brodtkin	Who's excited for \$sava fireside chat? 🧑🧑 I wonder if Remi will address his ridiculous claim that UCSF is involved in his scam Clinical Trial?	https://twitter.com/jesse_brodtkin/status/1519363541408571393
4/27/2022	Jesse Brodtkin	Nice catch! Yeah it looks like UCSF was thinking about getting caught up in the \$sava scam, but reconsidered this morning 🤔..	https://twitter.com/jesse_brodtkin/status/1519381562193817600

Date	Author	Statement	Link
		add UCSF to Yale and Rush as institutions that didn't want to sully their reputations (before/after pics 📌)	
4/27/2022	Jesse Brodtkin	If the whole thing weren't a con, any responsible \$sava board would have canned Remi long ago. If Remi actually believed in Simufilam, he would realize he doesn't have the skills or temperament to develop a drug and resign with his shares. Just sayin	https://twitter.com/jesse_brodtkin/status/1519423192720236544
4/28/2022	Jesse Brodtkin	\$sava has existential patent problems and possible JAIL for Wang, Remi and Burns.	https://twitter.com/jesse_brodtkin/status/1519622523482222592
4/28/2022	Jesse Brodtkin	There is a reason the short float is so high. It's because \$sava is a scam company based on lies. But don't let that effect your "technical analysis" 😬	https://twitter.com/jesse_brodtkin/status/1519686812339482625
4/28/2022	Jesse Brodtkin	My dude, \$sava is a scamCo, don't tell your followers to buy frauds 🙅	https://twitter.com/jesse_brodtkin/status/1519765788248494083
4/28/2022	Jesse Brodtkin	I don't like liars, especially in science. And to do it at the clinical level, taking advantage of desperate people is particularly disgusting. Remi is a sociopath and needs to be stopped. \$sava	https://twitter.com/jesse_brodtkin/status/1519832798571470854
4/28/2022	Jesse Brodtkin	All I want is Remi in jail... we do not have mutually exclusive goals 😊	https://twitter.com/jesse_brodtkin/status/1519840409236774915
4/29/2022	Adrian Heilbut	City University of New York is the epicenter of the Cassava \$SAVA fraud. By LAW, @CUNY holds PUBLIC HEARINGS in each borough. These are virtual, w/ video & written testimony.	https://twitter.com/Adrian_H/status/1520085533107630082 https://youtu.be/0PqfLcmu2jk

Date	Author	Statement	Link
		I wrote the Trustees a letter. CUNY censored it. So here's my latest testimony.	
4/29/2022	Adrian Heilbut	Based on how they stifle expression in their public hearing, CUNY seems to want to cover something up. https://cuny.edu/about/trustees/borough-hearings/ @maitejuncoNYC @ChancellorCUNY @CUNYResearch @apoorva_nyc @adamfeuerstein @davidamichaels @cayla_bam @QCMFunds @AlderLaneEggs @MicrobiomDigest	https://twitter.com/Adrian_H/status/1520085535137869824
4/29/2022	Adrian Heilbut	SSAVA doesn't have any IP	https://twitter.com/Adrian_H/status/1520112893706096640
4/29/2022	Adrian Heilbut	There are many ongoing investigations, and at some point another axe will drop. Who and when, I don't know. CUNY will cooperate with and settle with the feds, and Wang will be thrown under the bus, because the only mission the Trustees take seriously is to cover their asses.	https://twitter.com/Adrian_H/status/1520123174444314626
4/29/2022	Adrian Heilbut	I am just trying to help CUNY out before they embarrass themselves further. One thing I didn't have time to mention above (3 min limit) is that I actually wrote to someone there privately in March to give them a heads-up about what I knew.. and they chose to totally ignore me.	https://twitter.com/Adrian_H/status/1520124002987032577
4/29/2022	Patrick Markey	I'm really sorry but you've been conned. That is tragic as you literally seem to have invested millions. But we all make mistakes, I assume you still have enough money and I	https://twitter.com/PatricioMarceso/status/1519923250008055809

Date	Author	Statement	Link
		there''s always legal actions that can eventually be taken. I sincerely wish you good luck!	
4/29/2022	QCM	When the allegations will be confirmed in any of the multiple ongoing federal investigations, that number is heading towards 100% (QCM opinion)	https://twitter.com/QCMFunds/status/1516356872701464581
4/29/2022	QCM	Kudos to brave Adrian for pressuring CUNY in doing its job and informing the public on the \$SAVA affair	https://twitter.com/QCMFunds/status/1520103020104761346
4/30/2022	Patrick Markey	Nobody benefits from keeping a working AD drug off the market. Society would suffer and only sociopaths would even consider this. If there is overwhelming, clear evidence of potential fraud and a made-up MoA, however, that should be acknowledged. Testing could go on in principle.	https://twitter.com/PatricioMarceso/status/1520426577191911424
5/2/2022	Jesse Brodtkin	Only an rube like this guy could fall for the \$sava baloney... and @CharlesStonkson, apparently 🤪... but even he is out by now.. not tough-guy CS. Buy more shares "chemist-boy"	https://twitter.com/jesse_brodtkin/status/1521189123868053504
5/2/2022	Jesse Brodtkin	No but you could sue a company for knowingly using a forged document to manipulate the market 😊 \$sava	https://twitter.com/jesse_brodtkin/status/1521257555460337665
5/3/2022	Jesse Brodtkin	People are short this fraud because the City University of New York could decapitate this stock any day now. http://Cassavafraud.com	https://twitter.com/jesse_brodtkin/status/1521440080044470273
5/3/2022	Jesse Brodtkin	Remi would like re-elect the directors (because they have done such a great job dealing with the scientific fraud), and give himself \$80m to divvy up among the 12 employees. \$sava bulls will lap this up b/c once you pass the dignity event horizon, what's another \$80m 🤖	https://twitter.com/jesse_brodtkin/status/1521586256664268800


Date	Author	Statement	Link
5/4/2022	Jesse Brodtkin	And then doing nothing with the CSF collected because Wang is under self-imposed house arrest 🙄	https://twitter.com/jesse_brodtkin/status/1521887394974343168
5/4/2022	Jesse Brodtkin	Now we know why Remi hired this obvious bottom-feeder; to make the case that he needs 4m shares to attract better “talent” to pump \$sava stock 🤔🤔	https://twitter.com/jesse_brodtkin/status/1521920008644964352
5/5/2022	Jesse Brodtkin	I don’t think the reason most “scientists” remain anonymous in their support of \$sava is fear of some tweets. It’s because they are ashamed of supporting a scam or aren’t really what they say they are... my opinion.	https://twitter.com/jesse_brodtkin/status/1522303437857304577
5/9/2022	Jesse Brodtkin	\$sava is a perfect example of what cannot be tolerated (fraud) in biomedical research.	https://twitter.com/jesse_brodtkin/status/1523676538658443266
5/9/2022	Jesse Brodtkin	\$sava now poster-boy for fraud... congrats Remi 🙌🙌🙌	https://twitter.com/jesse_brodtkin/status/1523676546380095488
5/9/2022	Jesse Brodtkin	@Adrian_H giving CUNY notice that we will not allow a cover-up of \$sava Wang’s scientific fraud. All investigation findings should be made public ASAP. @CUNYNeuro @CSOM_Official	https://twitter.com/jesse_brodtkin/status/1523778067478421504
5/12/2022	Jesse Brodtkin	Even little-ole Pete at Neurobiology of Aging could find the fraud in \$sava Wang’s papers. But somehow couldn’t find it within himself to call it intentional 😡 14 erroneous select-copy-pastes on one figure and they were all “accidental” 🙄	https://twitter.com/jesse_brodtkin/status/1524738905991487489
5/12/2022	Jesse Brodtkin	Wang then corrects his typo with another typo cc his lawyer and moves the discussion to a more secure channel. That’s because how he attempts to explain his “innocent and regrettable” errors should	https://twitter.com/jesse_brodtkin/status/1524740524703428608

Date	Author	Statement	Link
		never see the light of day, like how all good innocent science is done 🤔 \$sava	
5/12/2022	Jesse Brodtkin	Note the blots had “selectable” insertions in the lanes. No dancing dust, compression artifacts or other such nonsense creates a selectable image within the blot 🤔 🤔 🤔 \$sava is a fraud based on Wang’s fantasy story pasted together with images stored on his hard drive, literally	https://twitter.com/jesse_brodtkin/status/152474527772599296
5/15/2022	Jesse Brodtkin	The distinction between manipulation, error and misrepresentation is interesting for determining punishment and will be adjudicated in court later. At this juncture the relevant point is that many \$sava papers (and SEC filings) contain data and claims that are not true.	https://twitter.com/jesse_brodtkin/status/1525861341826846721
5/18/2022	Jesse Brodtkin	Who cares? The image was “selectable”. Case closed (again) \$sava is a fraud.	https://twitter.com/jesse_brodtkin/status/1527082440111468544
5/19/2022	Jesse Brodtkin	Beginning to think \$sava data is completely made up 😞	https://twitter.com/jesse_brodtkin/status/1527384044526112770
5/20/2022	Jesse Brodtkin	It seems \$sava unblinded Wang to time point in the P2b (allowing him to line up his gel lanes in order by time) just like they unblinded Wang to time point in the OL... kinda looking like a pattern here 😞	https://twitter.com/jesse_brodtkin/status/1527650227385249792
5/20/2022	Jesse Brodtkin	Nice thing about shorting a ScamCo is there is always another 80% down to go 😊	https://twitter.com/jesse_brodtkin/status/1527769701421654016
5/21/2022	Jesse Brodtkin	Remi was successfully sued for misleading his \$sava shareholders for financial gain (fraud). If that doesn’t fit the profile, nothing does.	https://twitter.com/jesse_brodtkin/status/1528136885494763520

Date	Author	Statement	Link
5/24/2022	Jesse Brodtkin	It's a public company so it's definitely ethical to criticize. In fact, you rely on other members of the public to perform due diligence. There have been no lies. Bad mouthing comes with the territory when you perpetrate a fraud on vulnerable patients and gullible investors 🙄	https://twitter.com/jesse_brodtkin/status/1529241793954553856
5/24/2022	Jesse Brodtkin	I have long ago given up on affecting the price of sava by tweeting (it doesn't). This is mostly just for fun, keeping a record and making the fraud public to discourage further fraud. That last part is kinda working as evidenced by Remi scaling back his claims and being quiet.	https://twitter.com/jesse_brodtkin/status/1529244353356566530
5/24/2022	Jesse Brodtkin	[Dr. Wang] has fabricated data repeatedly over a 20 year period. There has been no abuse or harassment. He is free to defend himself as I am to criticize.	https://twitter.com/jesse_brodtkin/status/1529246674933137409
5/29/2022	Patrick Markey	Sorry, I have to tweet when I see what I perceive to be an obvious case of fraud / abysmal scientific integrity. How about you pin a tweet saying "I was wrong, UCSF is NOT participating in \$SAVA trials because their data doesn't make any sense."...	https://twitter.com/PatricioMarceso/status/1530963037905117184
5/30/2022	Adrian Heilbut	I'll bet you two clowns \$1000 each that there are no Cassava trials going on at UCSF -- on condition that that you put your names on it. But I am doubly safe, because I know you are pussies.	https://twitter.com/sing3r/status/1532392398126338048
5/31/2022	Jesse Brodtkin	Remi figured out that every time he tries to show data or publish he just makes \$sava look more like a fraud, therefore there will be no data and no publications 😞	https://twitter.com/jesse_brodtkin/status/1531724537406029827

Date	Author	Statement	Link
5/31/2022	Jesse Brodtkin	Big SAVA news!!! new SEC filing? Nope. New PR from company? Nope.... Another pump-and-dump on nothing from a ScamCo? Yes 😞	https://twitter.com/jesse_brodtkin/status/1531729699717713920
6/1/2022	Adrian Heilbut	Another editorial retraction for Dr.Hoau-Yan Wang, from a collaboration with Servier. (and even @brunovellas agrees!) It is all made up. \$SAVA @MicrobiomDigest https://link.springer.com/article/10.1186/s13195-022-01024-5 very one of Wang's papers since 2001 or so is destined to be retracted, Wang is toast, and each new retraction makes those CUNY and NIH investigations a little bit easier. @HamiltonCollege @GradCenterBio @CUNY @CUNYNeuro @HHS_ORI @adamfeuerstein @apoorva_nyc @davidamichaels	https://twitter.com/Adrian_H/status/1531976464169680896
6/1/2022	Jesse Brodtkin	Once you realize that the foundation (NLX binding FLNA) is total BS, the sheer mountain of fraud that \$sava has built upon this is actually impressive. Here is just one example from their patent (none of these experiments happened)	https://twitter.com/jesse_brodtkin/status/1531975409994194944
6/1/2022	Jesse Brodtkin	They will likely just sit on the shelf, as it is in nobody's financial interests to challenge a patent that is worthless. Eventually they will be filed in the Corporate Fraud Hall of Fame next to the Theranos Edison machine 😊	https://twitter.com/jesse_brodtkin/status/1531997696109776897
6/2/2022	Jesse Brodtkin	We are just playing a tiny part in trying to shine a light on the \$sava garbage "science". The fraud is doing the heavy lifting behind the retractions, EoC, failure to publish and scuttling of SavaDX. If you want to blame someone look to Wang and Remi.	https://twitter.com/jesse_brodtkin/status/1532522197754978307

Date	Author	Statement	Link
6/6/2022	Patrick Markey	<p>The thing is you won't stop this horrible disease by faking and/or p-hacking results.</p> <p>Wasting important resources is counterproductive and delays progress!!!</p> <p>#ENDALZ</p>	https://twitter.com/PatricioMarceso/status/1533862175332347906
6/8/2022	Jesse Brodtkin	<p>This is most certainly the beginnings of an agreement between the NIH and @CSOM_Official to make sure that the spectacular fraud that Wang and \$sava embroiled @cuny in doesn't ever happen again. Shame on @CUNYNeuro and @Vgbcc1 for harboring these crooks for 20 years 😞</p>	https://twitter.com/jesse_brodtkin/status/1534639669719314432
6/9/2022	Jesse Brodtkin	<p>I'm expecting flowers and presents from bulls once \$sava crashes. We were trying to save them money for months and they will retroactively appreciate our efforts 😊</p>	https://twitter.com/jesse_brodtkin/status/1534909256247480323
6/13/2022	Adrian Heilbut	<p>When you are running a fraud, one of the most important things is to have a strong astroturfing game. You need to make sure that your narrative is the dominant one, and you must try to discredit your detractors whenever possible. \$SAVA</p> <p>One of the main astroturfing fields of play is of course, Wikipedia. So it did not escape my attention that there have been a flurry of edits to the pages about Simufilam lately, as well as the article about Dr. Lindsay Burns (is she really notable?)</p> <p>There are some key points that are really important to the \$SAVA narrative, eg:</p> <p>“it's only about some old western blots” ...</p> <p>“the short sellers are behind it” ..</p>	https://twitter.com/Adrian_H/status/1536408761774092289

Date	Author	Statement	Link
		<p>“something something biomarker correlation” ..</p> <p>“altered conformation”</p> <p>https://en.wikipedia.org/w/index.php?title=Simufilem&diff=1086034976&oldid=1086026264</p> <p>Never miss an opportunity to try to throw some shade on David Bredt..</p> <p>and most important, you must never forget that Dr. Lindsay Burns graduated magna cum laude</p> <p>So, where is the prolific editor at 71.41.248.226 doing her editing from?</p> <p>https://en.wikipedia.org/wiki/Special:Contributions/71.41.248.226</p> <p>..direct from the Cassava Sciences offices.</p> <p>So now you know how the \$SAVA VP of Neuroscience spends her days.</p>	
6/13/2022	Jesse Brodtkin	<p>It’s a very impressive group of institutions that have DROPPED participation in \$sava clinical trials: Yale, Rush and now UCSF</p> <p></p>	https://twitter.com/jesse_brodtkin/status/1536425782502899714
6/15/2022	Jesse Brodtkin	<p>The greatest medical discovery of our lifetime (reversing Alzheimer’s) by \$sava has been stuck in “attempted publication” status for over a year 😞 I wonder what the problem could be?</p> <p>@lindsaybbar any updates?</p>	https://twitter.com/jesse_brodtkin/status/1537065406111834112
6/17/2022	Jesse Brodtkin	<p>This \$sava joke keeps getting funnier each month 🤔</p>	https://twitter.com/jesse_brodtkin/status/1537781878857637890

Date	Author	Statement	Link
6/22/2022	Jesse Brodkin	Correct, all made up 👍	https://twitter.com/jesse_brodkin/status/1539721997932019716
7/1/2022	Jesse Brodkin	\$sava using the old “dog ate my homework” excuse 🐶📊. But never fear look what some anonymous chuckleheads on Discord said about our “data” 🗑️ (btw those originals never showed up 🙄)	https://twitter.com/jesse_brodkin/status/1542831284912791555
7/1/2022	Jesse Brodkin	And \$sava is a fraud from the “discovery” by Wang to the biomarker redo by Wang to the cherry-picked “first 50” by Remi to the deal to SavaDX to Femtomolar to... YOU, however, should buy more shares 😊	https://twitter.com/jesse_brodkin/status/1542891655577174016
7/1/2022	Jesse Brodkin	Yeah the story of \$sava being a complete fraud really hasn't changed, just more evidence piling up 🙄. Sorry it's not entertaining enough for you 🙄. If you don't believe consistent stories of fraud with relentless evidence from multiple sources, keep buying more shares 👍	https://twitter.com/jesse_brodkin/status/1542893906177695747
7/5/2022	Jesse Brodkin	Why don't evil shorties give \$sava the benefit of the doubt? Because Remi and co have been shady for decades, and everyone knows it. Nice thread on the last time they tried commit fraud and how it turned out	https://twitter.com/jesse_brodkin/status/1544380423014387712
7/5/2022	Jesse Brodkin	Looks like \$sava Wang and Lindsay might have decreased their fraud workload by goosing the P2a first visit values and then just carry those numbers into the P2b and then the OL-extension, and	https://twitter.com/jesse_brodkin/status/1544385339581669380

Date	Author	Statement	Link
		those patients would be the first to complete so “first 50” takes on a new meaning 🤖	
7/6/2022	Enea Milioris	Shame no-one told Remi and he had to embarrass himself by “requesting” one months later lol	https://twitter.com/DRnotaDR/status/1544695064076632066
7/6/2022	Enea Milioris	Prob same person that takes care of samples labelling	https://twitter.com/DRnotaDR/status/1544721080912338945
7/6/2022	Jesse Brodkin	Welp, it’s official UCSF has dropped \$sava 🤔	https://twitter.com/jesse_brodkin/status/1544709605565112321
7/6/2022	Jesse Brodkin	Calling BS on \$sava seems to be catching on 👍	https://twitter.com/jesse_brodkin/status/1544710251403935744
7/6/2022	Jesse Brodkin	Throw in a serial fraudster CSO and a confidence man CEO and the probability goes to zero 😊	https://twitter.com/jesse_brodkin/status/1544759200542507008
7/6/2022	Jesse Brodkin	And \$sava fraud Wang presented him as an “independent expert” 🤔 (I guess if Wang is an “outside lab” then Spruck is “independent” 🤔🤔)	https://twitter.com/jesse_brodkin/status/1544789236683083776
7/7/2022	Enea Milioris	Probably so excited to cure AD in 28days they forgot to call Arnold	https://twitter.com/DRnotaDR/status/1545136796224421890
7/7/2022	Jesse Brodkin	oof! here he is again in the “development” of the, now defunct, SavaDX baloney (100% accurate at diagnosing AD from blood 🤔) This dude has done more harm than good on AD, imo... way to go @harvardmed 🙄	https://twitter.com/jesse_brodkin/status/1545095193929699328

Date	Author	Statement	Link
7/7/2022	Jesse Brodtkin	[responding to tweet about Theranos] You're next Wang and Remi \$sava	https://twitter.com/jesse_brodtkin/status/1545131873210454016
7/7/2022	Jesse Brodtkin	@KarlHerrup in context this is basically an endorsement of \$sava  You should know better (we told you). Please explain how you fell for this obvious scam again, even after your pathetic appearance on @JoeSpringer show.	https://twitter.com/jesse_brodtkin/status/1545164521198821376
7/8/2022	Jesse Brodtkin	Could be 😊 Or maybe they fudged the initial P2a carried them into 2b and then the OL So many possibilities 🤔	https://twitter.com/jesse_brodtkin/status/1545467342909571074
7/11/2022	Jesse Brodtkin	As a matter of fact, it's a pattern that any institution with a shred of dignity wants nothing to do with \$sava 😊	https://twitter.com/jesse_brodtkin/status/1546620378893762562
7/11/2022	QCM	Looks like \$SAVA's Vice President Clinical Operations Beckie Carpenter has just resigned her position! No press release from the company, but, hey, transparency is not their thing...	https://twitter.com/QCMFunds/status/1546437005952819202
7/12/2022	Jesse Brodtkin	"as a coauthor with Dr. Wang on 7 publications and a memeber of the \$sava SAB board and an early collaborator on SavaDX... 🤖 I dunno if it's all fraud" Aparently they don't teach science or ethics at Harvard.	https://twitter.com/jesse_brodtkin/status/1546851349899448322
7/12/2022	Jesse Brodtkin	There is NO non-opioid binding site for Naloxone, much less a femtomolar one, much less a widespread one found in brain and lymphocytes. It's a stupid lie for people who have zero understanding of biology \$sava	https://twitter.com/jesse_brodtkin/status/1546905342705025026

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7/13/2022	Jesse Brodtkin	Rumor is Wang is not in the lab, so nobody left that can run the photoshop machine.	https://twitter.com/jesse_brodtkin/status/1547261938245271553
7/21/2022	Adrian Heilbut	What is it with Alzheimer's, research misconduct, and fraud?? More from @ScienceMagazine on \$SAVA and how it led to @schrag_matthew uncovering another huge Aß scandal.. https://science.org/content/article/potential-fabrication-research-images-threatens-key-theory-alzheimers-disease	https://twitter.com/Adrian_H/status/1550188670849777665
7/21/2022	Jesse Brodtkin	\$sava in the news again 🤔. This time as the poster-company (an entire inset sub panel on cassava and the fraudsters gang) for using fraud to hurt Alzheimer's Disease Research	https://twitter.com/jesse_brodtkin/status/1550190242916868096
7/21/2022	Jesse Brodtkin	Thinking maybe 'Blots on a Field' should be our nickname for the \$sava fraudsters and their enablers, catchy 👍	https://twitter.com/jesse_brodtkin/status/1550208116465319938
7/21/2022	Jesse Brodtkin	It's such a big market and there are so many gullible investors swimming around it that shady companies (\$atha \$avxl \$sava etc...) just can't help themselves to some evidence-free hype-line based valuation 😬 Terrible for markets, investors, patients and society 😡	https://twitter.com/jesse_brodtkin/status/1550214677631827968
7/21/2022	Jesse Brodtkin	Wait, why does \$sava need to hire investigators to investigate themselves? Is Remi planning on throwing Lindsay under the bus? That'll make for some awkward breakfast conversations 🤨	https://twitter.com/jesse_brodtkin/status/1550221074155163655
7/21/2022	Jesse Brodtkin	Hoo boy 😬 \$sava not having a good day in the headlines. In this one @MicrobiomDigest in her usual careful phrasing, states some of Cassava 's data "might have been falsified" 😊	https://twitter.com/jesse_brodtkin/status/1550237489813651456

Date	Author	Statement	Link
7/21/2022	Jesse Brodtkin	\$sava Fraudsters and enablers 📌	https://twitter.com/jesse_brodtkin/status/1550250659022258179
7/21/2022	Jesse Brodtkin	Wait, there have been MORE concerns raised by Schrag THIS year 😬 \$sava Wang has been on a 20 year fraud spree and at this point @CUNYNeuro is essentially abetting it 🧑	https://twitter.com/jesse_brodtkin/status/1550281136458317831
7/22/2022	Jesse Brodtkin	bye-bye 📌 \$sava you parasites on society	https://twitter.com/jesse_brodtkin/status/1550487519170596871
7/22/2022	Jesse Brodtkin	That's proof he didn't need to fake the data, but he did anyway 🧑 even Wang agreed to retract it 🤔. Why does Wang have a lawyer?	https://twitter.com/jesse_brodtkin/status/1550604610947137537
7/22/2022	QCM	Congrats to \$SAVA from featuring on the world's most prestigious scientific magazine for...being a "fraud". Degree of our surprise: zero. ²¹	https://twitter.com/QCMFunds/status/1550500594728714241
7/23/2022	Jesse Brodtkin	This one is an old but fun \$sava lie. Here @lindsaybbar lies through her teeth while disparaging @MicrobiomDigest and then gets caught a month later and has to admit she was FOS 😏	https://twitter.com/jesse_brodtkin/status/1550975929996001280
7/23/2022	Jesse Brodtkin	Good point about the \$sava blots probably just the fraud we can see... there's tons we can't (but sava followers know 😊)	https://twitter.com/jesse_brodtkin/status/1551012443308134402
7/24/2022	Jesse Brodtkin	Same thing being discussed in each figure. I agree it's confusing, but I think the reason it's confusing is because it is not real data 🧑	https://twitter.com/jesse_brodtkin/status/1551135460285730817

²¹ This tweet links to a science.org article titled "Potential fabrication in research images threatens key theory of Alzheimer's articles, threatening a reigning theory of the disease."

Date	Author	Statement	Link
7/24/2022	Jesse Brodtkin	1. Thermodynamics backwards 2. C14 and equilibrium time wrong 3. Femtomolar 4. Too many IC50s 4. Radio Silence from Author Occam's Razor: Author with misunderstanding of pharmacology Made. It. Up.	https://twitter.com/jesse_brodtkin/status/1551202356502700034
7/24/2022	Jesse Brodtkin	Me too. Of course the odds of that happening are about as good as Remi singing a deal or @charlesstonkson making good on a lost bet, or Wang providing original images, or @lindsaybbar apologizing for lying or femtomolar binding or Simufilam curing AD... ZERO 🤔	https://twitter.com/jesse_brodtkin/status/1551305475697917953
7/24/2022	Jesse Brodtkin	Caveat, if dealing with fraud, the fraudster making "raw data" available isn't really going to clear up the situation 🤖. In science we must be willing to be skeptical, even of the integrity of fellow scientists 😊	https://twitter.com/jesse_brodtkin/status/1551345039825068034
7/24/2022	Jesse Brodtkin	He's lawyered-up and hasn't responded to inquiries or made any public statements for over a year. Given his record of retractions based on falsified images, I don't think "raw data" coming from him would be of any value. We need more skepticism and professionalized review 😊	https://twitter.com/jesse_brodtkin/status/1551375860321730560
7/25/22	Enea Milioris	And yet no other researcher has stooped as low as you have - shilling your book through demented stock promoters that insult any scientist that raises questions on \$SAVA	https://twitter.com/DRnotaDR/status/1551558682844037121

Date	Author	Statement	Link
7/25/2022	Jesse Brodkin	Here's another fun @lindsaybbar lie. After it was pointed out in a CP that the measurements in \$sava Simufilam femtomolar graph break the laws of physics, Lindsay tells her discord fan club it's a "typo" soon to be corrected..5 months later 😞 The math did not "work out"	https://twitter.com/jesse_brodkin/status/1551512193094533121
7/26/2022	Jesse Brodkin	There are blots, read more carefully 😊 no time for foia. \$sava are criminals, \$axvl is simply slimy and deceptive, different leagues. You should own both.	https://twitter.com/jesse_brodkin/status/1551990991619506176
7/26/2022	Jesse Brodkin	Apparently it's a culture of No Shame over at @CUNY \$sava	https://twitter.com/jesse_brodkin/status/1552000159705436161
7/26/2022	Jesse Brodkin	Does CCNY take accusations of fraud very seriously? @CityCollegeNY	https://twitter.com/jesse_brodkin/status/1552045866755801088
7/27/2022	Adrian Heilbut	So, Remi, when exactly did you start getting subpoenas from DOJ, and why wasn't that disclosed properly & promptly? Did they "ask" or demand? Why did you only say "certain government agencies"? True, you haven't sold stock. Who has, and how have *you* been profiting? \$SAVA ²²	https://twitter.com/Adrian_H/status/1552352582915563520
7/27/2022	Enea Milioris	sure Joe will make lots of "tendies friendies" in prison ²³	https://twitter.com/DRnotaDR/status/1552276408818434049

²² This tweet includes a screenshot of Cassava's July 27, 2022 press release.

²³ In reference to Jesse Brodkin tweet: "Where's the hysterical rambling audio release by Remi proclaiming his undying love for Wang and the DOJ is part of the "evil shorts" cabal" [] \$sava [emojis]."

Date	Author	Statement	Link
7/27/2022	Enea Milioris	\$SAVA reading was on the wall ...and online even http://cassavafraud.com @MicrobiomDigest @QCMFunds @jesse_brodкин @Adrian_H @PatricioMarceso @ClicksAndHisses myself & many others raised the alarm Time to bring the curtain down on this audacious fraud	https://twitter.com/DRnotaDR/status/1552278539965272068
7/27/2022	Enea Milioris	So many unfortunate little errors with this company...	https://twitter.com/DRnotaDR/status/1552367996869525508
7/27/2022	Jesse Brodкин	@CityCollegeNY When the SEC and DOJ beat you to the punch on a guy working under your supervision for 20 years, that pretty much says you DON'T take misconduct seriously. @Vgbcc1 \$sava	https://twitter.com/jesse_brodкин/status/1552252901103378437
7/27/2022	Jesse Brodкин	Nice timing Vince 🧑 Slow-walking fraud investigation seems to have paid off... for now \$sava	https://twitter.com/jesse_brodкин/status/1552254152088162304
7/27/2022	Jesse Brodкин	Pro-tip @lindsaybbar fraud is not “entirely new”.. \$sava 🧑	https://twitter.com/jesse_brodкин/status/1552262740290445312
7/27/2022	Jesse Brodкин	That’s the attitude that allows frauds to hang around and continue to pollute the industry and harm patients. If you have a big platform (like you), you should use it to help. “All that is required for evil...” you know the rest \$sava	https://twitter.com/jesse_brodкин/status/1552274261812944896
7/27/2022	Jesse Brodкин	I don’t think increased focus on fraud in Alzheimer’s companies is the “good news” you think it is. \$sava revelations will only increase scrutiny on what is already a pretty sketchy \$avxl story	https://twitter.com/jesse_brodкин/status/1552291908009050113
7/27/2022	Jesse Brodкин	It’s not nonsense, it’s fraud and it hurts the field. \$sava was and is an easy call, how about now? Any thoughts on Cassava’s chances of reversing AD?	https://twitter.com/jesse_brodкин/status/1552308657311866880

Date	Author	Statement	Link
7/27/2022	Jesse Brodtkin	Meanwhile in idiotville (SAVAges Discord chat) @lindsaybbar is continuing to encourage magical thinking that DOJ is actually going after shorts not \$sava... I mean it's not as dumb as Simufilam reverses AD but it's close 🤔	https://twitter.com/jesse_brodtkin/status/1552335573179895808
7/27/2022	Jesse Brodtkin	At this point I think a blood draw isn't worth the risk/benefit 🤔	https://twitter.com/jesse_brodtkin/status/1552367222185775105
7/27/2022	QCM	congratulate to all the brave people that contributed to this and fought for honesty and transparency in the markets: Jordan Thomas (+clients), @MicrobiomDigest @jesse_brodtkin @Adrian_H @Nemo_is_NoOne @LogarithmicDis ²⁴	https://twitter.com/QCMFunds/status/1552239258005635072
7/28/2022	Enea Milioris	You think a judge would take a look at the pile of Wang's retracted papers and conclude his science is legit? We're well past that stage kido	https://twitter.com/DRnotaDR/status/1552551744101556226
7/28/2022	Jesse Brodtkin	[Re Dr. Lindsay Burns] Shameless hypocritical fraud and a Karen to boot 🙄	https://twitter.com/jesse_brodtkin/status/1552636026782466048
7/28/2022	Jesse Brodtkin	Shorts attack fraudulent companies that are taking advantage of mom & pop. Shorts have been telling you to sell \$sava for a year. Look at the chart and see if that would have been good advice for mom and pop.	https://twitter.com/jesse_brodtkin/status/1552726016191258629

²⁴ This tweet links to a Reuters article titled "Exclusive: Cassava Sciences faces U.S. criminal probe tied to Alzheimer's drug, sources say."

Date	Author	Statement	Link
7/29/2022	Adrian Heilbut	Coming up next, the Wang-Burns cure for Monkeypox \$SAVA Remi actually already tried and failed at treating cancer 15 years ago. You seem to have changed your tune..	https://twitter.com/Adrian_H/status/1553036804432986112
7/29/2022	Jesse Brodtkin	The messed-up every single biomarker assay 🤔. Like what are the chances 🤔	https://twitter.com/jesse_brodtkin/status/1553056832284934145
7/29/2022	Jesse Brodtkin	“Statistics Person X” knew this “nails it” before Aug 3. Then the sketchy “bonus plan” Aug 26th, then the data release on September 14th... nothing to see here I’m sure \$sava	https://twitter.com/jesse_brodtkin/status/1553066701343842305
7/30/2022	Adrian Heilbut	A few subtleties got mangled, but I managed to call out Simufilam as “an imaginary drug that does nothing” in the Daily Mail \$SAVA ²⁵	https://twitter.com/Adrian_H/status/1553552632308011009
7/30/2022	Jesse Brodtkin	@DOJCrimDiv ❤️ \$SAVA	https://twitter.com/jesse_brodtkin/status/1553501876594905090
8/1/2022	Jesse Brodtkin	ICYMI over the weekend \$sava fraud news went global with a barn-burner of an article by @BarneyCalman covering our favorite celebrity fraudster as well as some frank talk regarding the enablers; editors and publishers (@MarinaP63 @JuanLerma1) 👍	https://twitter.com/jesse_brodtkin/status/1554058783667666944
8/3/2022	Jesse Brodtkin	I’m arguing with a company that takes advantage of people with special needs 🤔. This advocacy group should do better to defend the interests of the people they represent. Here, however, we are talking about taking advantage of Alzheimer’s patients.	https://twitter.com/jesse_brodtkin/status/1554820492388876288

²⁵ This tweet links to a dailymail.co.uk article titled “‘Fraudulent’ Alzheimer’s study gave false hope to families.”

Date	Author	Statement	Link
8/3/2022	Jesse Brodkin	The 100 patient data set is significantly ($P < 0.05$) worse than the “first 50” (vs -3.2), so this second set is really very different from previous data. It’s almost like something happened to change \$sava data generating behavior in the interim (DOJ, SEC...)	https://twitter.com/jesse_brodkin/status/1554847146880352256
8/3/2022	Jesse Brodkin	\$sava seems to have a gained a pretty big cohort on this latest update that is doing quite a bit (5) worse than the “first 50” 🍒 ... suspiciously close to placebo (sava slide deck 👉 😊)	https://twitter.com/jesse_brodkin/status/1554857143886561280
8/3/2022	Jesse Brodkin	Hey Remi, did \$sava just throw away data from bad performers that dropped out? BTW, how many did drop out?	https://twitter.com/jesse_brodkin/status/1554864742526861314
8/3/2022	Jesse Brodkin	Holy Cow! \$sava has been trying to hire a director for 10 months 🐱 \$200m in the bank and they still can’t buy a teammate 😞	https://twitter.com/jesse_brodkin/status/1554992286047551492
8/4/2022	Jesse Brodkin	Sorry guys, it was a trick question and the correct (98.8%) answer was: When a criminal gets a subpoena from the DOJ it tends to decrease their ongoing criminal behavior.... \$sava 😊	https://twitter.com/jesse_brodkin/status/1555330111838224384
8/4/2022	Jesse Brodkin	Exactly how many crimes are you defending yourself against if you need \$400k PER MONTH in new legal representation? Asking for a friend \$sava 😊 Serious question, does Remi have more lawyers than employees?	https://twitter.com/jesse_brodkin/status/1555341632719003648
8/4/2022	Jesse Brodkin	I’d think it would be cheaper to re-run a few western blots and binding studies to put the scientific questions to rest. Unless \$sava was guilty af .. then it would make sense Occam’s Razor 😎	https://twitter.com/jesse_brodkin/status/1555346954632192001

Date	Author	Statement	Link
8/4/2022	Jesse Brodkin	Tell them just to call me, I'd be happy to walk them through the fraud for a mere \$40k/month 👍	https://twitter.com/jesse_brodkin/status/1555358062952808450
8/5/2022	Jesse Brodkin	Confirmation to a statistical 99% certainty that \$sava favorite data, the OL "first 50" was completely cherry-picked.. case closed	https://twitter.com/jesse_brodkin/status/1555525750228492290
8/10/2022	Jesse Brodkin	The older data would actually make them look better, but "on the advice of counsel we decline to present data that would implicate us in a massive fraud" is the correct answer, imo 😊	https://twitter.com/jesse_brodkin/status/1557531844492595201
8/11/2022	Jesse Brodkin	Apparently things are pretty busy over there at \$sava with all of Remi's new reports (read: defense lawyers) because it seems they didn't have a chance to update this slide either 😞. Being a Good Samaritan🙏, I decided to do it for them (in red) 🙏	https://twitter.com/jesse_brodkin/status/1557791295057395714
8/12/2022	Jesse Brodkin	Your credence in error or AE is admirable, but please consider the probable answer is \$sava never did these analyses and MADE IT ALL UP 😊	https://twitter.com/jesse_brodkin/status/1558102135945961472
8/15/2022	Adrian Heilbut	It turns out that after you rip off the government for \$20m, one of the first things they do is to STOP giving you any more money. \$SAVA	https://twitter.com/Adrian_H/status/1559366695722049538
8/15/2022	Adrian Heilbut	@CUNYResearch @CunyMedicine @ChancellorCUNY @CityCollegeNY @CUNYNeuro @Vgbcc1 seem to now see the @TheJusticeDept @DOJCrimDiv writing on the wall, and have moved into clean-up / damage control mode.. \$SAVA	https://twitter.com/Adrian_H/status/1559380866626994177
8/15/2022	Jesse Brodkin	Top 🍒 Is the "second 50" +0.2, the bottom 🍒 is the "first 50", the middle is both. My point is there is a statistically significant difference 1st vs 2nd which is most parsimoniously explained by	https://twitter.com/jesse_brodkin/status/1559381810903228417

Date	Author	Statement	Link
		cherry-picking the first 50 and then when the feds got interested the data “moved”	
8/15/2022	Jesse Brodtkin	Quanterix immediately issued a statement that they were not responsible for the figures being questioned. They were blinded so, you would have to trust that Remi didn’t mess with the “results” he got back from Quanterix, which I don’t.	https://twitter.com/jesse_brodtkin/status/1559382443521703936
8/15/2022	Jesse Brodtkin	The mice cuts WERE duplicated, as we said all along. Wang and Burns finally admitted it, after initially lying about it with some very odd confidence 🧐 conclusion: Lindsay lies. @lindsaybbar	https://twitter.com/jesse_brodtkin/status/1559388576047054849
8/16/2022	Adrian Heilbut	basically it shows that CUNY and his last remaining colleagues recognize that Wang is radioactive, and are starting to throw him under the bus. \$SAVA	https://twitter.com/Adrian_H/status/1559531855778652161
8/16/2022	Adrian Heilbut	Might be time for Sandy Robertson to take an MMSE test. \$SAVA Robertson is going to regret blowing \$20m and immolating his reputation and legacy in the greatest biotech dumpster-fire of the last two decades. \$SAVA	https://twitter.com/Adrian_H/status/1559669678561181696
8/16/2022	Adrian Heilbut	7 retractions with 25 to come \$SAVA ²⁶	https://twitter.com/Adrian_H/status/1559686672190767106
8/17/2022	Adrian Heilbut	Theranos ²	https://twitter.com/Adrian_H/status/1559669678561181696
8/17/2022	Patrick Markey	*rofl* This is all so incredibly retarded (and therefore incredibly fascinating to watch).	https://twitter.com/PatricioMarceso/status/1559920054136983555

²⁶ This tweet includes a spreadsheet with various Cassava publications and retractions thereof.

Date	Author	Statement	Link
		Enjoy the ride, I suppose!	
8/17/2022	QCM	Two things are infinite: the universe and human stupidity. And I'm not sure about the former. (Albert Einstein) ²⁷	https://twitter.com/QCMFunds/status/1559918033497382912
8/18/2022	Adrian Heilbut	Also, to be clear, I haven't libeled anyone. I'm free to express facts and my opinions on stocks, science, & people. It is an obvious fact that Wang and Burns are scientific frauds (see pubpeer). I leave the rest to DOJ. My original tweet also had nothing to do with this stuff.	https://twitter.com/Adrian_H/status/1560225621644648449
8/18/2022	Adrian Heilbut	that JPAD paper also cites two already-retracted papers and 3 more that have expressions of concern Simuflimflam: It's ALL MADE UP. TM http://simuflimflam.com \$SAVA ²⁸	https://twitter.com/Adrian_H/status/1560291111616356352
8/18/2022	Adrian Heilbut	[Twitter poll] What is Remi's next irrelevant and manipulative pump going to be about? \$SAVA <ul style="list-style-type: none"> • SAVA pivot back to opioids • Lindsay Wins Silver Medal • Wang gets new job in DPRK • Sandy enrolls in OL trial 	https://twitter.com/Adrian_H/status/1560302038763929600
8/18/2022	Adrian Heilbut	They got it. Their behavior is disgraceful and pathetic, and they are going to end up with a lot of egg on their faces. \$SAVA	https://twitter.com/Adrian_H/status/1560310607437512705
8/18/2022	Adrian Heilbut	There is no leeway for fabricating data.	https://twitter.com/Adrian_H/status/1560310916981342209

²⁷ This tweet includes a screenshot of a chart showing Cassava's stock increasing in value.

²⁸ This tweet includes a screenshot of the references in a JPAD paper with highlighting brackets around papers by Dr. Wang.

Date	Author	Statement	Link
8/18/2022	Adrian Heilbut	If Ph2a in JPAD was a cry for help, what is the Phase 2B preprint that Lindsay never could get published anywhere?? \$SAVA it is going to get published on this new preprint server called PACER eventually \$SAVA	https://twitter.com/Adrian_H/status/1560363837056077824
8/18/2022	Adrian Heilbut	It is ALL MADE UP.	https://twitter.com/Adrian_H/status/1560409275591282695
8/18/2022	Jesse Brodtkin	\$sava plans get funnier by the year	https://twitter.com/jesse_brodtkin/status/1560360462142914560
8/18/2022	Patrick Markey	Fraud / data manipulation is apparently something different than acute danger to health.	https://twitter.com/PatricioMarceso/status/1560276041968807937
8/19/2022	Adrian Heilbut	For example, if a group of people were to conspire to fabricate scientific evidence in order to deceive the market into thinking that their paper describing a drug was legitimate, in order to sell overvalued stock, that might be securities fraud. Or, just as a thought experiment, if someone was to fabricate scientific data and use that data in a grant application to NIH, in order to deceive the government, thus obtaining millions of dollars in grants, that might be fraud too.	https://twitter.com/Adrian_H/status/1560622747646033920
8/20/2022	Adrian Heilbut	Point is that no matter what the biomarker values were, the argument \$SAVA made about keeping or throwing out data based on placebo correlations was 100% absurd & wrong, even if Dr. Mark Johnson can't get his 4 cosplay characters to understand. It's crazy, and all made up. There is data looking at how these biomarkers are correlated with each other and disease progression over months and years. There	https://twitter.com/Adrian_H/status/1561023161230970880

Date	Author	Statement	Link
		may be statistically significant correlations, but not an R2 of 0.95, and not over 28 days. It's nonsense.	
8/20/2022	Adrian Heilbut	<p>WANG 🙌 MADE 🙌 UP 🙌 DATA.</p> <p>Fact.</p> <p>Wang is a total fraud.</p> <p>IT IS ALL MADE UP. NOTHING CAN BE RELIED UPON.</p> <p>SSAVA</p> <p>https://pubpeer.com/search?q=Hoau-Yan+Wang²⁹</p> <p>Mark, I am citing the journal retractions that say that data were made up. And I didn't say anybody committed crimes; I said Wang made up data, and he's a scientific fraud.</p> <p>I leave the question of crimes to @DOJCrimDiv and @jbeidel to sort out</p> <p>Maybe @jbeidel can also advise on whether engaging in a conspiracy to manipulate the price of a security by fabricating scientific data would be a crime. Hypothetically, of course.</p> <p>Would a DOJ prosecutor go with securities fraud, wire fraud, or conspiracy?</p> <p>Or fabricating data used to obtain an NIH grant.. would that be a crime?</p> <p>So many fascinating legal questions for the experts to consider.</p>	https://twitter.com/Adrian_H/status/1561166353318420486

²⁹ This tweet links to various PLOS ONE retractions of Dr. Wang's papers.

Date	Author	Statement	Link
8/20/2022	Enea Milioris	Mark Johnson (Dr) is a chronic underachiever whose mental health issues (possibly due to repressed sexuality) have confined him to the lowest ranks of his industry - smth he desperately tries to make up for thru fake online personas Sue me for libel + Sava data are made up (tm) ³⁰	https://twitter.com/DRnotaDR/status/1560880668984446981
8/20/2022	Enea Milioris	Alzscammers ³¹	https://twitter.com/DRnotaDR/status/1561041038923501575
8/21/2022	Jesse Brodtkin	A \$2m (not \$20m) insider purchase hours before an “exonerating” non-public email from a journal is entirely consistent with securities fraud exactly the kind of behavior that would be of interest to, the ongoing SEC investigation of \$sava	https://twitter.com/jesse_brodtkin/status/1561400337306554368
8/21/2022	Jesse Brodtkin	Tend to think the; “they’re not so dumb as to commit an obvious crime in full daylight” is not very persuasive, see Femtomolar, Reversing AD, breaking laws of thermodynamics and this doozy 😏	https://twitter.com/jesse_brodtkin/status/1561412871241830400
8/23/2022	Adrian Heilbut	They weren’t mistakes. The variability was as expected; the drug did nothing; Lindsay was making up nonsense.	https://twitter.com/Adrian_H/status/1562252888381988864
8/24/2022	Jesse Brodtkin	I FOIA’d the NYCHD for evidence that Wang actually ran radioligands (2014-19). C14-Simufilam for femtomolar and H3-Naloxone for Simufilam “discovery” were nowhere to be found 🙄. This could be a lead for @SECEnfDirector in \$sava investigation.	https://twitter.com/jesse_brodtkin/status/1562397753363337216

³⁰ Comment in a thread about Wang and Sava

³¹ Comment in a thread about Wang and Sava

Date	Author	Statement	Link
8/25/2022	Jesse Brodtkin	Hey \$sava this is a one day assay, pay a reputable independent laboratory to replicate your findings. For \$20k you could probably add \$300m MC easy (assuming you aren't frauds)	https://twitter.com/jesse_brodtkin/status/1430687757676994568
8/25/2022	Jesse Brodtkin	It's all an elaborate scheme to appear like a fraud in order to trap the shorts and rid the world of evil 🤡	https://twitter.com/jesse_brodtkin/status/1562938012144656384
8/25/2022	Jesse Brodtkin	Data cooking 😊 \$sava	https://twitter.com/jesse_brodtkin/status/1562938359315677184
8/28/2022	Jesse Brodtkin	No biology experiment (ever) shows 0.97 correlation between biochemical measures, much less a dozen that are overall unchanged. This graph alone is proof-positive of data manipulation of clinical trial data by \$sava and Wang 🤖	https://twitter.com/jesse_brodtkin/status/1563997736881586177
8/28/2022	Jesse Brodtkin	Here's another straight-up admission of data manipulation; first and second cohort (pills vs cherries) of patients are statistically significantly different for no reason other than an investigation of data manipulation was started between the cohort readouts \$sava	https://twitter.com/jesse_brodtkin/status/1564000619697930240
8/28/2022	Jesse Brodtkin	The entire basis for their drug "discovery" has been retracted. There is no non-opioid Naloxone binding site (where Simufilam supposedly binds). It started with a lie and just got out of control necessitating larger and larger lies to keep the story going \$sava	https://twitter.com/jesse_brodtkin/status/1564003968551895046
8/28/2022	Jesse Brodtkin	They've been lying for so long they have gotten sloppy. Here they got the thermodynamics backwards. If Simufilam binds AD-FilaminA with higher affinity (left curve) then that's the conformation that is increased with addition of Simufilam (i.e. causes AD) \$sava	https://twitter.com/jesse_brodtkin/status/1564005563725484032

Date	Author	Statement	Link
8/28/2022	Jesse Brodkin	I don't know what the expiration data on this dumb attempt at a pump based on a total lie is, but at 1+ years I think we can safely say Remi was FOS when he pumped a "deal" @sava	https://twitter.com/jesse_brodkin/status/1564007181124599810
8/28/2022	Jesse Brodkin	Apparently lying to pump stock price runs in the family. Here Mrs Barbier lies through her teeth in writing that her baloney femtomolar claim is correct and a typo will clear it all up (narrator: IT DIDN'T) \$sava	https://twitter.com/jesse_brodkin/status/1564008067628400641
8/29/2022	Jesse Brodkin	Yeah that's a good one, but I'm going to have to raise you one where @lindsaybbar tells on herself for lying.... (Pro-tip, now would be a good time for an apology Lindsay 😊)	https://twitter.com/jesse_brodkin/status/1564291966447353857
8/29/2022	Jesse Brodkin	The level of fraud with \$sava is way beyond just securities, so this is probably the right move for the SEC to hand off to the DOJ, imo.	https://twitter.com/jesse_brodkin/status/1564322010171334656
8/29/2022	Jesse Brodkin	Don't forget the quarterly spinal taps of elderly sick patients for CSF biomarkers. \$sava sociopaths	https://twitter.com/jesse_brodkin/status/1564339560615665673
8/29/2022	Jesse Brodkin	👊.. I'm on the record by name, not some anonymous coward jerk account, and stand by everything I've said. And it's all true, \$sava is a fraud, Wang is a fabulist etc... It's going to be pretty hard to get a prosecutor to push a case against critics of a fraud 🙏	https://twitter.com/jesse_brodkin/status/1564394717240074240
8/30/2022	Adrian Heilbut	Guys, it really doesn't matter, because IT IS ALL MADE UP™ You are wrong; No journals have "cleared" Wang of anything. All of Wang's work for the last two decades was made up.	https://twitter.com/Adrian_H/status/1564663123474366466
8/30/2022	Adrian Heilbut	Wang just generated an extraordinary amount of scientific fraud that they need to document.	https://twitter.com/Adrian_H/status/1564665351656333312

Date	Author	Statement	Link
8/30/2022	Jesse Brodkin	No one has “cleared” \$sava (no evidence of intentional manipulation is not clearing). 7 papers retracted and 2 EoC and 2 Erratums. Testimonials prove nothing (ask Remi). Not even Cassava claims the drug “works”. Seems safe (just like jelly beans) 🍌 You need biology skills 😊	https://twitter.com/jesse_brodkin/status/1564743500628901890
9/1/2022	Adrian Heilbut	Anyone who simply reads Wang’s papers carefully will also conclude that it is all unadulterated nonsense. But Frank or Mark doesn’t get it, because for all his insults and posturing, he is not capable of reading and evaluating a biology paper.	https://twitter.com/Adrian_H/status/1565470345460649984
9/1/2022	Jesse Brodkin	No journal is interested in publishing the disproof of obvious crap. The way it works is you get the journals to retract bullshit, which is what we’ve been doing and continue to do 😊 \$sava...	https://twitter.com/jesse_brodkin/status/1565463219891802113
9/1/2022	Jesse Brodkin	Bust fraudsters in a field I care about, that’s it. I used to be short as well for money, but after seeing how irrational the share holders are I’ve got better investment ideas.	https://twitter.com/jesse_brodkin/status/1565482331997085697
9/1/2022	Jesse Brodkin	Slow, but I have confidence the truth (\$sava is a fraud) will become apparent to DOJ, CUNY... and justice will be served. I’m proud of my efforts and hope that I have helped them. Now get a new hobby rather than pestering me.	https://twitter.com/jesse_brodkin/status/1565487383356792833
9/1/2022	Jesse Brodkin	By contributing to outing a fraudulent company. Frauds are terrible for society and we are better off without them. You’re welcome 😊	https://twitter.com/jesse_brodkin/status/1565518399052062721
9/2/2022	Jesse Brodkin	It’s September and \$sava has 100 more Open Label subjects’ data. How long will Remi hide the data and avoid any and all questions? Delay not due to blinding (it’s OL) nor lab work on biomarkers (Wang’s magic license has been suspended), and only 16 sites.	https://twitter.com/jesse_brodkin/status/1565729156326883328

Date	Author	Statement	Link
9/3/2022	Adrian Heilbut	Who knew what when and anyone's potential criminal liability is independent of the fact that the "drug" is fake, the preclinical research was fake, the biomarker data were faked, and the cognitive data was cherry-picked. IT IS ALL MADE UP. Unless they have samples banked, \$SAVA will never be able to report 12 month OL biomarker data, because they relied on Wang to fabricate the baseline and 6 month biomarker data. That little game is over.	https://twitter.com/Adrian_H/status/1566191479432925188
9/3/2022	Adrian Heilbut	Kupiec has zero to do with \$SAVA problems which pre-date him. The Ph3 is being run fine, albeit with a fake drug under false pretenses. But Kupiec can quite reasonably claim ignorance, and he is just going to keep collecting his salary until the jig is up.	https://twitter.com/Adrian_H/status/1566212883285000194
9/3/2022	Adrian Heilbut	No, I don't know when, and I don't give advice. But I know the difference between kinetics and thermodynamics. I also know the drug is fake, does not bind its supposed target, and I know there are still multiple ongoing investigations.	https://twitter.com/truant2tb/status/1566028119320018944
9/7/2022	Jesse Brodtkin	If \$sava are spending \$100m/yr with 400/1700 patients enrolled... \$200m does not get you to the end of either P3.... Where is that big deal that was going to finance this ScamCo ? 🏢	https://twitter.com/jesse_brodtkin/status/1567656846323761154
9/8/2022	Jesse Brodtkin	😬 Sheesh, how bad are things at \$sava that Remi needs to PR the fact that a paper WASN'T retracted 🤔 BTW, how's that 2021 publication of the P2b results going @lindsaybbar?	https://twitter.com/jesse_brodtkin/status/1568054646744268801
9/10/2022	Adrian Heilbut	Matt only wants to cry crocodile tears about imaginary offenses against others, instead of waking up to reality and only thing that	https://twitter.com/Adrian_H/status/1568653474539372545

Date	Author	Statement	Link
		actually matters -- which is that all of Wang's research was nonsense and Simuflam is an imaginary drug. https://pubpeer.com/search?q=Hoau-Yan+Wang ³²	
9/10/2022	Adrian Heilbut	that was the only place Wang could get all his foundational Simuflimflam nonsense published 15 years ago.. and the PLoS editors today have a lot of experience with this sort of thing and are on the ball ³³	https://twitter.com/Adrian_H/status/1568674411040964608
9/11/2022	Adrian Heilbut	IT'S ALL MADE UP.	https://twitter.com/Adrian_H/status/1568825495386554369
9/11/2022	Gabriele Grego	Yeah right. Much better to keep giving lumbar punctures to innocent elderly people to use them as Guinea pigs for a drug based on allegedly questionable (forged?) evidence. All this to cash out on bonuses tied to short term stock price performance.	https://twitter.com/GabrielGrego14/status/1568899890889064448
9/11/2022	Jesse Brodtkin	Or even just do the 12 month open label biomarkers at a reputable (not @CUNYNeuro) lab. They have the samples, they've promised the data... and yet \$sava behaves as if ONLY Wang can "produce" the data they want 😞	https://twitter.com/jesse_brodtkin/status/1569019916514201601
9/11/2022	Jesse Brodtkin	If \$sava reproduces Simuflam binding, even just in the picomolar range, I promise to never mention them or Remi again, cover my short, donate \$1000 to #endalz, eat my hat live on Springer's show, and withdraw all my outstanding FOIA requests.... Deal @lindsaybbar @jbeidel ?	https://twitter.com/jesse_brodtkin/status/1569023472097017859

³² This tweet links to PubPeer results for posts related to Dr. Wang.

³³ This tweet is in reference to a PLOS retraction.

Date	Author	Statement	Link
9/11/2022	Jesse Brodtkin	At this point, \$sava's unwillingness to engage using data (rather than hysterical rants about "da ebil shorts") is pretty much a confession 🤔	https://twitter.com/jesse_brodtkin/status/1569024656702689280
9/11/2022	Jesse Brodtkin	Imagine spending \$4m/quarter for defense lawyers rather than \$50k to an academic lab to run a binding study... \$sava 🤡	https://twitter.com/jesse_brodtkin/status/1569025179992350721
9/11/2022	Jesse Brodtkin	It's that it's all made up! Starting from 15 years ago, right up to the P2b & OL, and Remi know it	https://twitter.com/jesse_brodtkin/status/1569027601292996608
9/12/2022	Adrian Heilbut	It is interesting that Wang is no longer trying to fabricate new data to deal with these.. Maybe CUNY has stuck a fork in that, or maybe Wang and his counsel now see the writing on the wall.. \$SAVA @jbeidel	https://twitter.com/Adrian_H/status/1569322745904906240
9/12/2022	Adrian Heilbut	I guess the editors don't appreciate it when somebody made up data and lied to them about 6 other papers	https://twitter.com/Adrian_H/status/1569327236632772610
9/12/2022	Gabriele Grego	If you bother reading the report (rather than the contrived allegations of the bulls) you will see that it is factual and matter of fact. There is nothing misleading, false or unethical. I have offered to amend if I inadvertently published anything incorrect. Still waiting	https://twitter.com/GabrielGrego14/status/1569357959360122881
9/12/2022	Jesse Brodtkin	I guess \$4m/quarter gets you lawyers that tell you to stop committing more fraud. They've got enough on their hands to deal with. Good call @jbeidel 😊	https://twitter.com/jesse_brodtkin/status/1569310669551579139
9/12/2022	QCM	Is there some sort of Guinness record for the number of problem-papers published? If so, Wang might hope for a prize should his career as a researcher be terminated due to this whole affair...	https://twitter.com/QCMFunds/status/1569336319863828482

Date	Author	Statement	Link
9/13/2022	Adrian Heilbut	I should never have doubted him, but Remi is proving himself capable of presenting a more vacuous talk at HCW than Shankar. \$SAVA \$OCGN “it worked.. but it didn’t work” \$SAVA the data is all made up, but we have no debt	https://twitter.com/Adrian_H/status/1569777177222160384
9/13/2022	Adrian Heilbut	You’d think Lindsay would have made him practice, and she could have explained some of the fake \$SAVA science that Remi claims not to fully understand.	https://twitter.com/Adrian_H/status/1569840401493680128
9/13/2022	Jesse Brodtkin	Remi says in his \$sava presentation that SavaDX “worked, but it didn’t work” 😞 Remi this looks like the single best blood assay for Alzheimer’s EVER seen, are you saying ITS ALL MADE UP?	https://twitter.com/jesse_brodtkin/status/1569783214956335106
9/13/2022	Jesse Brodtkin	Who tf describes a standard deviation as “very honest”? I’ll tell you, REMI the CEO of \$sava (I wonder what was on his mind that led him to use “honest” as a way to describe his data 😞)	https://twitter.com/jesse_brodtkin/status/1569793506373156867
9/13/2022	Jesse Brodtkin	This 🖐️ is a Dr. Steven Arnold (Harvard and former \$sava SAB member) laboratory product. I wonder if he has any thoughts on his work product being trashed as too variable and in need of re-working the methods? I won’t hold my breath for an answer 😞 (because it’s BS 😞)	https://twitter.com/jesse_brodtkin/status/1569800636085985289
9/13/2022	Jesse Brodtkin	you don’t even need the two proteins measured. Protein 1 will diagnose AD with 100% accuracy.... it’s amazing! (in a Theranos-kind of way 😞) \$sava	https://twitter.com/jesse_brodtkin/status/1569803149229039626

Date	Author	Statement	Link
9/13/2022	QCM	\$SAVA Barbier: 20% of study patients may not have Alzheimer's. We have been saying this all along and if you recall in a previous presentation they denied this allegation. Non-AD patients may bias the sample and distort the study results as their cognitive decline isn't as marked	https://twitter.com/QCMFunds/status/1569781361866833920
9/14/2022	Jesse Brodtkin	Oh look, it seems that SavaDX collaborator Joel Ross is an admitted crook in the largest insider trade in history. A perfect fit for \$sava and Steve Arnold 👍	https://twitter.com/jesse_brodtkin/status/1570041764563525633
9/15/2022	Adrian Heilbut	except Theranos only defrauded investors and patients, not the government	https://twitter.com/Adrian_H/status/1570553239720046592
9/20/2022	Adrian Heilbut	\$SAVA chumps getting played again, with another pump based on two week old non-news The SEC did a major investigation, and is not going ahead with enforcement at the moment. Score one for the bulls. Remember the SEC closed early investigations into Madoff too. I suspect the SEC may revisit things after the other agencies investigating are done..	https://twitter.com/Adrian_H/status/1572268769765953536
9/20/2022	Adrian Heilbut	as with everything about \$SAVA, IT'S ALL MADE UP™	https://twitter.com/Adrian_H/status/1572321603341484035
9/20/2022	Adrian Heilbut	Tide has not turned. The science is fraudulent and the drug is fake. It ticks me off when I am up 5x on my hedges though.	https://twitter.com/Adrian_H/status/1572430656797573120
9/20/2022	Adrian Heilbut	SEC deciding they could not take enforcement action on violations of the securities law right now has zero bearing on the drug being fake or potential violation of other law.	https://twitter.com/Adrian_H/status/1572434376574603266

Date	Author	Statement	Link
9/21/2022	Adrian Heilbut	and FDA gets a lot of things wrong. Reality still exists. The drug is fake, Wang is a fraud, and the \$SAVA charade is going to come crashing down one of these days.	https://twitter.com/Adrian_H/status/1572445121509232643
9/21/2022	Adrian Heilbut	<p>Play stupid games, win stupid prizes.</p> <p>All of these \$SAVA / Wang adjacent cheats and frauds are going to get hoist by their own petards.</p> <p>@MicrobiomDigest smacked down Talbot's pathetic excuses very effectively. The eraser tool artifacts are my favorite.</p> <p>https://pubpeer.com/publications/603286311C3DC6766716B01565CA72#13</p> <p>didn't any of these people learn in kindergarten that you get in WAY MORE TROUBLE IF YOU KEEP LYING AFTER BEING CAUGHT? \$SAVA</p> <p>and that goes double if you continue to lie after being caught by the DOJ, @lindsaybbar @hoauyanwang \$SAVA what do you think, @jbeidel? From your SDNY experience, is lying to the FBI an effective strategy for somebody under criminal investigation?</p>	https://twitter.com/Adrian_H/status/1572628086545387526
9/21/2022	Adrian Heilbut	<p>When you need fake Westerns, Wang is your man.</p> <p>When you need signaling data from dead frozen tissue, call Konrad.</p> <p>Seems like everybody in AD at @PennMedicine (and then Rush) knew it (Arnold, Hahn, Arvanitakis, etc.)</p> <p>The nexus is that both Wang and Talbot trained and worked with the same group of asleep-at-the-switch senior people at @PennMedicine @PennNeurology where they were encouraged / tolerated in development of their unique fabrication skillsets</p>	https://twitter.com/Adrian_H/status/1572654213301260289

Date	Author	Statement	Link
9/21/2022	Adrian Heilbut	it looks more like he did it in MS Paint ³⁴	https://twitter.com/Adrian_H/status/1572733414415159296
9/22/2022	Adrian Heilbut	it is not about shortcomings or a questionable track record or chance of success. The drug is a 100% fraud.	https://twitter.com/Adrian_H/status/1573080297587245056
9/22/2022	Jesse Brodtkin	Does fraud have 2 sides?	https://twitter.com/jesse_brodtkin/status/1573051972642537474
9/22/2022	Jesse Brodtkin	Nope, I mean fraud \$sava	https://twitter.com/jesse_brodtkin/status/1573053896326631426
9/23/2022	Adrian Heilbut	this is not a ghostwritten clinical trial though.. this is just made up biochemistry	https://twitter.com/Adrian_H/status/1573348275331153921
9/23/2022	Adrian Heilbut	If you are going to conjure up a fake drug, make it some pleiotropic and confusing natural product. Don't discover a femtomolar ligand in a directed screen to bind a specific peptide.	https://twitter.com/Adrian_H/status/1573437422943223808
9/23/2022	Jesse Brodtkin	"Falling off a cliff" describes what one could see as "non-responders" age and effect an ADAS-Cog score by TIME. But his implication (lie) is that this would be expected in the update, which will be adding more subjects (N=200, and he's seen this data), NOT more time 🤪 \$sava	https://twitter.com/jesse_brodtkin/status/1573395697373945856
9/23/2022	Jesse Brodtkin	Remi was being completely misleading, you can't deny that. OL data > data which doesn't exist, imo 🤖	https://twitter.com/jesse_brodtkin/status/1573447687814664192

³⁴ This tweet is in reference to western blot images.

Date	Author	Statement	Link
9/23/2022	QCM	What's been happening to \$SAVA stock during the last few weeks, and particularly during the last 48 hours, looks to me like a textbook case of market manipulation.	https://twitter.com/QCMFunds/status/1573354917716267009
9/24/2022	Jesse Brodtkin	YES! the simplest explanation of the biomarker data (and a 20 year history) is that Wang made up the numbers. The alternative explanation that he reversed AD and no one in science cares enough to double check and he can't be bothered to repeat or speak is laughable. @jbeidel	https://twitter.com/jesse_brodtkin/status/1573755145766191110
9/26/2022	Jesse Brodtkin	Well \$dsgn is not the 5 alarm, screaming, in your face, insult to your intelligence FraudCo that \$sava is, but I think @AnsariLab owes us another round on explaining the issues. I mean this is @ScienceMagazine not some silly rag like @SfNtweets @MarinaP63 😊	https://twitter.com/jesse_brodtkin/status/1574398726558334976
9/27/2022	Adrian Heilbut	It doesn't halt cognitive decline either, I'm afraid, because all the 'science' behind it was faked by a crazy fabulist, and it is a completely imaginary drug that doesn't even engage its (never-validated) target. Congratulations to them.. has nothing to do with SAVA or their fake drug Simuflimflam has a totally different (imaginary) mechanism	https://twitter.com/Adrian_H/status/1574916368499195905
9/28/2022	Adrian Heilbut	nevermind the fraud thing ³⁵	https://twitter.com/Adrian_H/status/1575120477793689600

³⁵ This is replying to a tweet that says “‘jones research’ expert take is \$SAVA \$AVXL should be +15-20%...nevermind no control arms, nor same MOA.”

Date	Author	Statement	Link
9/28/2022	Jesse Brodkin	If it binds to altered FLNA that stabilizes the altered form (equilibrium goes toward “altered”).... that’s how chemistry and thermodynamics work... ask any scientist if you don’t believe me. \$sava has their story backwards 🙄	https://twitter.com/jesse_brodkin/status/1575145511576911878
9/28/2022	Jesse Brodkin	The \$sava jig is up. Now with a viable alternative in \$BIIB it’s downright unethical for the FDA let this charade continue.	https://twitter.com/jesse_brodkin/status/1575155516137181185
9/28/2022	Jesse Brodkin	Sketchy is putting it mildly. \$sava is Theranos level BS with fraudulent data in NIH grants, SEC filings and FDA documentation. http://cassavafraud.com	https://twitter.com/jesse_brodkin/status/1575168822478139405
9/29/2022	Jesse Brodkin	New news would be \$sava has reproduced their questionable scientific findings or put to bed the accusations of fraud, but alas despite a year of constant and numerous fraud revelations there is none of that 🙄	https://twitter.com/jesse_brodkin/status/1575653611438108673
9/29/2022	Jesse Brodkin	One could reproduce all 7 retracted papers for less than \$3m... I wonder why Remi would rather pay lawyers 🙄.. it’s a puzzler	https://twitter.com/jesse_brodkin/status/1575663345985671170
10/1/2022	Jesse Brodkin	I’m not even short rn, I do this because I care about scientific integrity and want to see sociopaths like Remi and Wang go down 😊	https://twitter.com/jesse_brodkin/status/1576411356642672640
10/2/2022	Adrian Heilbut	Here’s a question for Matt et al: IF it is the case that Simuflimflam is a completely imaginary drug based on fraudulent science and fantasies, is it acceptable (to patients, to investors, and to the regulatory and scientific system) to run and continue running Ph3 trials?	https://twitter.com/Adrian_H/status/1576587911860215813


Date	Author	Statement	Link
10/2/2022	Adrian Heilbut	<p>Be careful with this line of thinking.</p> <p>They HAVE been fabricating results, & the justification for the Ph3 was a charade. They're breaking critical scientific and ethical norms that enable human clinical research, as well as regulations. It's 100% made up scientific fraud.</p> <p>It does not matter if the fake drug is harmless. The patients in these trials are still taking risks (lumbar punctures) and not getting to try other trials that might work. Hundreds of millions of \$ will be wasted (and some getting shunted to Remi). Investors will be screwed.</p> <p>And they are destroying the integrity of the system that everybody is trying to honestly operate in. They're cheating on the exam.</p> <p>and, rather importantly for Drs. Wang and Burns, \$SAVA took \$20 million in grants from the NIH and taxpayers based on False Claims, and then fabricated their results in performance of that research</p>	https://twitter.com/Adrian_H/status/1576669435146174464
10/2/2022	Adrian Heilbut	<p>there's the Cambridge Mafia and Philly Mafia. Keep your BSD fraud networks straight.</p> <p>When they intersect, you get \$SAVA</p>	https://twitter.com/Adrian_H/status/1576683023050760192
10/2/2022	Jesse Brodtkin	<p>You desires should be addressed to someone who has a fiduciary responsibility to you, like Remi. \$sava will be free to call whomever they like as experts or witnesses in court... this is Twitter 😊</p>	https://twitter.com/jesse_brodtkin/status/1576603337159426057
10/2/2022	Jesse Brodtkin	<p>A company with integrity would retract this poster, at that point I would forgive this series of lies 🙏</p>	https://twitter.com/jesse_brodtkin/status/1576613241207169024

Date	Author	Statement	Link
10/2/2022	Jesse Brodtkin	The data manipulation techniques in publication are varied, but seem to have one thing in common: Wang (for \$sava communications add Remi and you've got all you need for a 100% fraudulent company)	https://twitter.com/jesse_brodtkin/status/1576670820898074625
10/2/2022	Jesse Brodtkin	For \$sava lies, this one is my favorite:	https://twitter.com/jesse_brodtkin/status/1576671284012150784
10/2/2022	Jesse Brodtkin	For just straight-up scientific illiteracy and insult-to-your-intelligence fraud, this one has got to take the top spot (and that's taken from a very rich \$sava data set 😊)	https://twitter.com/jesse_brodtkin/status/1576672703201042434
10/2/2022	Jesse Brodtkin	That's the "redo" of the biomarkers... still the only data graphed in the \$sava slide deck (not even the OL anymore 😞). My theory (now proven by Remi in the 100 patient cohort) is that the "first 50" numbers are BS... exactly how Remi did it 🧑🏻, cherry-picking is one possibility	https://twitter.com/jesse_brodtkin/status/1576674144917155840
10/2/2022	Jesse Brodtkin	Alexander was not a coauthor, he didn't announce it, Journal of Neuroscience did. Does the same nefarious motives apply to Remi and the first "exoneration" of \$sava by @MarinaP63 and the subsequent halting of the stock to announce (like actually for the first time)?	https://twitter.com/jesse_brodtkin/status/1576676290874454016
10/2/2022	Jesse Brodtkin	No expertise needed 😊.... Try putting two different sized pieces of paper on the bed of a scanner 🤪 (BTW, that's "with intent to deceive)	https://twitter.com/jesse_brodtkin/status/1576689832880807936
10/3/2022	Adrian Heilbut	there is no raw data, guys.. IT'S ALL MADE UP	https://twitter.com/Adrian_H/status/1576984597119672320

Date	Author	Statement	Link
10/5/2022	Adrian Heilbut	IT'S ALL MADE UP™	https://twitter.com/Adrian_H/status/1577513256385744898
10/5/2022	Jesse Brodtkin	Will do 👍. What are you putting up if Remi gets indicted for fraud?	https://twitter.com/jesse_brodtkin/status/1577720146742972426
10/6/2022	Adrian Heilbut	SIMUFLIMFLAM: IT'S ALL MADE UP™	https://twitter.com/Adrian_H/status/1578081595172569092
10/6/2022	Jesse Brodtkin	For context; This guy has 33 flagged publications (almost as many as @CSOM_Official Wang of \$sava fraud fame) and is still soaking up federal research funds 🙄	https://twitter.com/jesse_brodtkin/status/1578008530703073281
10/7/2022	Adrian Heilbut	What these clowns are incapable of understanding is ALL MADE UP™ is not about playing gotcha with one random questionable figure. ALL MADE UP™ is about the gestalt of nonsensical biology, too-good-to-be-true claims, & clear evidence of serial fabrication over an entire career.	https://twitter.com/Adrian_H/status/1578396517479731200
10/9/2022	Jesse Brodtkin	If I was laid off for generating data that showed the compound didn't work, I'd put my cash in a short position.	https://twitter.com/jesse_brodtkin/status/1579103491645407232
10/10/2022	Adrian Heilbut	there is, for better or worse, a big difference in what you need to do to spot a fraud vs. what you need to do to justify taking regulatory and/or HR action vs what you need to do to decide whether or not to prosecute a criminal case. This stuff *always* takes a long time. I'm afraid that many parts of the FDA appear to be run by spineless and conflicted nincompoops. That is indeed a big problem.	https://twitter.com/Adrian_H/status/1579667605564297216



Date	Author	Statement	Link
		<p>The right / easiest way to deal with this IMO would have been the FDA equivalent of pulling them over for a broken taillight and then letting the dogs do a proper search.</p> <p>Nah, even they know Remi. He has no shame and will never give up or admit anything.</p> <p>Aside, but I don't like your use of "discretion". "Enforcement discretion" means something specific for the FDA which is "we see you are breaking the regulations or laws and we choose to do nothing about it for.. reasons"</p> <p>Why didn't the SEC shut down Madoff when it was first brought to their attention?</p> <p>A lot of people who work at government regulators are incompetent and risk-averse.</p> <p>it has been made very clear to FDA that there are simple violations of the regulations that could be could be the basis for action (for example, a misleading and incorrect Investigator Brochure). May yet happen.</p> <p>They could just be really really really stupid.</p> <p>Don't overestimate Lindsay</p>	
10/10/2022	Jesse Brodtkin	Ok, so what's the hold up? (My theory is there is just too much fraud and they are overwhelmed and they thought Wang would roll on Remi, and he hasn't.... Yet) @jenthedefender, what's YOUR theory?	https://twitter.com/jesse_brodtkin/status/1579584460106104832
10/10/2022	Jesse Brodtkin	Nah Jacob is just an ignorant dufus who thinks he discovered the medical advance of the century hiding in a shitCo being run by a	https://twitter.com/jesse_brodtkin/status/1579594273481449472

Date	Author	Statement	Link
		low-brow conman. I'm talking the whole BS \$sava story. It's been total unreproducible silly garbage for 20 years.	
10/10/2022	Jesse Brodtkin	I can see how a \$sava long might take some solace in the SEC shitting the bed. It would make a subsequent indictment by DOJ unusual, but not even close to the unusualness of \$sava discovered a cure for AD, binds at femtomolar and defies the laws of thermodynamics etc Occam's raz	https://twitter.com/jesse_brodtkin/status/1579595876225675264
10/10/2022	Jesse Brodtkin	Or during the criminal trial 😊	https://twitter.com/jesse_brodtkin/status/1579599138442072064
10/11/2022	Adrian Heilbut	Because IT IS ALL MADE UP™	https://twitter.com/Adrian_H/status/1579981889846538241
10/11/2022	Jesse Brodtkin	I don't think DOJ hired EXTRA people to investigate \$sava (probably hired consultants) I think Wang was in the compensation bonus pool. Whether Remi/Wang go to jail is really a question of how well they covered their tracks. What is not in question is that they did the crime.	https://twitter.com/jesse_brodtkin/status/1579897035360464896
10/11/2022	Jesse Brodtkin	You can search my timeline for lots of evidence, feel free to dispute any you like... I'd love to hear. This was the beginning of the \$sava scam escalation and always makes me laugh	https://twitter.com/jesse_brodtkin/status/1579905782539509761
10/11/2022	Jesse Brodtkin	You can trust me that this is 100% made up baloney (it's close enough to my area for me to say that +/- 0.1%), or you can ask anyone who ever worked in research biology.... I wonder why Remi never showed us this "beauty" that "nails it" 🤔🤔. Knowing vs proving in court👩🏻⚖️	https://twitter.com/jesse_brodtkin/status/1579919994716303360

Date	Author	Statement	Link
10/12/2022	Jesse Brodtkin		https://twitter.com/jesse_brodtkin/status/1580350227189358593
10/12/2022	Jesse Brodtkin	You have to believe @lindsaybbar is a total scientific illiterate for them not to have known.... So yeah probably 🤔	https://twitter.com/jesse_brodtkin/status/1580385487780343813
10/13/2022	Jesse Brodtkin	free check-ups 👍 This is the most valuable thing \$sava has done for patients yet.	https://twitter.com/jesse_brodtkin/status/1580550347311173633
10/14/2022	Jesse Brodtkin	not a single one? I'm disappointed (but not surprised) by the utter lack of pushback on any of the claims of fraud we're made 😞	https://twitter.com/jesse_brodtkin/status/1581003519192014848
10/15/2022	Adrian Heilbut	It's just a poster.. but unlike everything Wang has ever written, it is not made up.	https://twitter.com/Adrian_H/status/1581437036736569346
10/16/2022	Adrian Heilbut	Who is crazy, who is stupid, who is lying, and who is evil is not really my concern. The drug is fake; the research was fake; it is all a charade. IT IS ALL MADE UP. \$SAVA	https://twitter.com/Adrian_H/status/1581794074545180672
10/16/2022	Adrian Heilbut	The problem is Remi would prefer to exist in limbo where he can pretend not to know. If they try to repeat Wang's work and become	https://twitter.com/Adrian_H/status/1581794645587111936

Date	Author	Statement	Link
		certain that it is all made up, the music stops. They won't take that risk..	
10/17/2022	Adrian Heilbut	My statement today at the @CUNY Manhattan Borough Public Hearing IT IS ALL MADE UP. Enough is enough, @ChancellorCUNY @CUNYResearch @Vgbcc1 and Mr. Davis \$SAVA ³⁶	https://twitter.com/Adrian_H/status/1582125936635392000
10/17/2022	Adrian Heilbut	Sandy Robertson is an idiot to be buying stock. Call me. Burns is an idiot and/or a liar. She's a scientific lightweight and a fabulous rower. Wang is a liar and fabulist. (He's from Taiwan, btw) Mark E Johnson is a liar, idiot, jerk, and welch. VERU is a joke. any questions?	https://twitter.com/Adrian_H/status/1582193189439819776
10/18/2022	Adrian Heilbut	2023 is when SAVA dies	https://twitter.com/Adrian_H/status/1582282424666697728
10/19/2022	Adrian Heilbut	It is not a "drug". IT IS ALL MADE UP. The entire thing is completely, utterly, insane.	https://twitter.com/Adrian_H/status/1582899656908242946

³⁶ This tweet includes screenshots with a statement including allegations such as "Dr. Hoau-Yan Wang and City College and the School of Medicine perpetrated a massive biomedical research fraud...Wang fabricated data for 20 years. His fantasies were the basis for a purported Alzheimer's drug now in clinical trials. Wang was also responsible for Phase 2 biomarker data, and most of that was also made up."

Date	Author	Statement	Link
10/19/2022	Adrian Heilbut	 ³⁷ The interesting thing is these guys were basically ripping off the trial sponsors. It's kind of unfathomable that a trial *sponsor* might deliberately (or even negligently) enroll subjects who fail to meet eligibility criteria or falsify subject laboratory results \$SAVa	https://twitter.com/Adrian_H/status/1582953383970734081
10/20/2022	Adrian Heilbut	You can get some real fraud art from https://fearlessdart.com @DonnaHWalker1 Maybe she'll do a \$SAVa piece one day	https://twitter.com/Adrian_H/status/1582955379868446725
10/20/2022	Jesse Brodkin	Yuppers, here comes the \$sava shake-down (as expected)	https://twitter.com/jesse_brodkin/status/1583129661466644481
10/20/2022	Jesse Brodkin	Very understated, imo: 2-3 Nobel prizes Rewrites pharm and chem textbooks \$1Trillion MC minimum Wang moves ahead of Salk, Edison, Einstein and Newton. OR \$sava is another silly Remi scam 	https://twitter.com/jesse_brodkin/status/1583230987500023809

³⁷ This tweet includes a link to an endpts.com article titled “Clinical trial coordinators sentenced to prison after data falsification scheme.” Heilbut then ties it to Cassava in a Reply.

Date	Author	Statement	Link
10/21/2022	Adrian Heilbut	I think if any sponsor deliberately faked data in a clinical trial, or even was negligent in allowing faked data to be submitted to FDA and NIH, the entire IND program should be stopped and criminal charges should be considered	https://twitter.com/Adrian_H/status/1583655691709214721
10/22/2022	Adrian Heilbut	SavaDx went off track as soon as they got anyone who wasn't Wang to try to produce data, because.. wait for it.. IT WAS ALL MADE UP (and utter nonsense to boot)	https://twitter.com/Adrian_H/status/1583904241608929280
10/23/2022	Adrian Heilbut	Indeed. I encourage everyone (FDA, SAVA, Nachtrab, Springer, and the 6 trolls in a trenchcoat) to do these experiments (and more) themselves.. nobody needs to take my word. But \$SAVA will never do it b/c they are scared to know the answer and kill their (imagined) deniability. ³⁸	https://twitter.com/Adrian_H/status/1584220440381517824
10/24/2022	Adrian Heilbut	Maybe I will inspire someone else to try to replicate Wang's disgraced and retracted nonsense. I have no sponsors, except Jesse chipped in for the Simufilam, DMSO and a few other reagents because I didn't have a Fisher account set up and I haven't yet paid him back. ³⁹	https://twitter.com/Adrian_H/status/1584398420671746050

³⁸ In this tweet thread, Adrian posts a photo of what appears to be a vial of Simufilam and indicates he has purchased it to perform experiments.

³⁹ In this thread, Adrian tweets a screenshot of a notice telling him that his abstract entitled "Rigor and Replication in Alzheimer's Therapeutic Development: A Case Study" has been accepted for a poster presentation to be presented onsite at the Clinical Trials on Alzheimer's Disease (CTAD) to be held in San Francisco on November 29 – December 2, 2022.

Date	Author	Statement	Link
10/24/2022	Adrian Heilbut	Ah, I forgot about Evelyn, the open label queen ⁴⁰	https://twitter.com/Adrian_H/status/1584411814695432192
10/24/2022	Adrian Heilbut	Yes. It is all made up, and there are no third parties. Do you really not understand why it is problematic that *everything* needs to rely on Wang to generate data that makes things look like it works? And one of these days, the curtain is going to come down on this charade. Good night.	https://twitter.com/Adrian_H/status/1584411814695432192
10/24/2022	Adrian Heilbut	The 200 patient data is just going to be a little more mediocre than the 100 patient data, as it gets harder and harder to cherry-pick. And there will never be more biomarker data because Wang can't make it up anymore. So Remi is a stuck, and just wants to stay out of trouble. Open label data is uninterpretable nonsense. Remi told you that himself.	https://twitter.com/Adrian_H/status/1584680111084822530
10/24/2022	Adrian Heilbut	I mean, it is a real chemical, but a fake drug, so maybe Joe is onto something. How about Naloxone though.. is that real?	https://twitter.com/Adrian_H/status/1584694945101008897
10/25/2022	Adrian Heilbut	Nobody cares about COI in general. Everyone has conflicts; that's not problem. Problem is it is not appropriate for a CLINICAL TRIAL to rely on one deeply conflicted investigator to do (make up) primary laboratory analysis. (with undisclosed COI btw). Not how things are done.	https://twitter.com/Adrian_H/status/1585061070195937280

⁴⁰ A continuation of the thread immediately described above, this tweet includes a screenshot of a post titled “Key Cassava Phase 2 Clinical Site Under FDA Scrutiny” regarding Evelyn Lopez-Brignoni and the validity and integrity of data collected at her study site.

Date	Author	Statement	Link
10/25/2022	Jesse Brodtkin	Congratulations @MarinaP63, you are in the lawsuit vouching for \$sava, your colleagues must be so proud/s	https://twitter.com/jesse_brodtkin/status/1584921563471777795
10/25/2022	Jesse Brodtkin	and congratulations to you too @Vgbcc1 @CSOM_Official, your dithering is now a defense of \$sava	https://twitter.com/jesse_brodtkin/status/1584922121213550598
10/25/2022	Jesse Brodtkin	Hey @MultiparkL do you guys know how to measure Alzheimer's Disease biomarkers, or what? \$sava says you guys got some serious "laboratory or human error" going on over there. Care to defend yourselves?	https://twitter.com/jesse_brodtkin/status/1584937306355425281
10/25/2022	Jesse Brodtkin	Hard to believe they messed up all 7 biomarker assays in all groups for \$sava.... Like REALLY hard to believe.	https://twitter.com/jesse_brodtkin/status/1584952417489391616
10/27/2022	Adrian Heilbut	Got to give Remi some credit, he found a General Counsel for \$SAVA with solid relevant experience. ⁴¹ ... Remi has run \$SAVA for 20 years without a pesky general counsel around to keep things honest. The ONLY reason for them to have hired THIS guy, right now, is that they are quaking in their boots because they fear they are about to go head-to-head with the DOJ.	https://twitter.com/Adrian_H/status/1585685914352746533
10/27/2022	Adrian Heilbut	what you're trying to say here is that IT'S ALL MADE UP	https://twitter.com/Adrian_H/status/1585747644084781060

⁴¹ This tweet includes a screenshot of newly hired Cassava employee Chris Cook's LinkedIn page showing his experience as a Partner at Jones Day, and highlighted within that experience is "Defendant False Claims Act matters for pharmaceutical companies, health care providers and government contractors."

Date	Author	Statement	Link
10/27/2022	Enea Milioris	Crook meets Cook	https://twitter.com/DRnotaDR/status/1585684081693556746
10/27/2022	Jesse Brodtkin	\$sava finally fills a critical need on management team, a regulatory affairs person that they've been looking for for a year?, nope! a "skilled litigator" with experience in fraud 🙄	https://twitter.com/jesse_brodtkin/status/1585626560043819010
10/27/2022	Jesse Brodtkin	So \$sava new criminal defense lawyer coordinator/GC is pulling in a measly \$425k after being a corporate lawyer for billion \$ companies for years. That seems like a good deal for Remi! What's wrong with Cook that he's slumming for a pittance now? Thoughts @jenthedefender?	https://twitter.com/jesse_brodtkin/status/1585808025503211521
10/27/2022	Jesse Brodtkin	Research misconduct leads to NIH taking a PI off grant.... Similar to Wang at @CUNY \$sava?	https://twitter.com/jesse_brodtkin/status/1585577750345256960
10/27/2022	Jesse Brodtkin	In case you were wondering what Mr Cooks relevant experience for \$sava was... lemme show you 🙄 ⁴²	https://twitter.com/jesse_brodtkin/status/1585627848823414784
10/27/2022	Jesse Brodtkin	Remi knows where \$sava is heading, even if his cult doesn't 😊 ⁴³	https://twitter.com/jesse_brodtkin/status/1585629922147852288

⁴² This tweet is accompanied by a screenshot of a document that reads "WHEREAS, Alcon Inc. has been engaged in discussions with the United States Department of Justice, Criminal Division, Fraud Section (the "Fraud Section") and the United States Attorney's Office for the District of New Jersey (the "Office") regarding issues arising in relation to a conspiracy to falsify books, records, and accounts to conceal improper payments to health care providers . . ." (https://twitter.com/jesse_brodtkin/status/1585627848823414784/photo/1).

⁴³ This tweet is accompanied by two screenshots of a document that refers to allegedly fraudulent activity.

Date	Author	Statement	Link
10/27/2022	Jesse Brodtkin	\$sava will plead guilty, throw themselves on the mercy of the DOJ and hope to collect \$1m/yr and stay out of jail while they wind down 😊	https://twitter.com/jesse_brodtkin/status/1585631050994065408
10/28/2022	Adrian Heilbut	that would be impossible, because IT WAS ALL MADE UP but yeah, if someone redoes some of Wang's imaginary work and finds it was real, let me know so I can cover. Not holding my breath.	https://twitter.com/Adrian_H/status/1586148155111907329
10/28/2022	Adrian Heilbut	Intellectually honest people don't rant and rail on twitter nonstop under a pseudonym to defend blatantly obvious scientific fraud & their favorite stock. Wang is a fraud; the writing has been on the wall since the CP even if you still don't get it, & the end is approaching.	https://twitter.com/Adrian_H/status/1586175994800414720